

**INDEX OF:
MINING ENGINEERING
LITERATURE**

**COMPRISING AN
INDEX OF MINING, METALLURGICAL, CIVIL, MECHANICAL,
ELECTRICAL AND CHEMICAL ENGINEERING
SUBJECTS AS RELATED TO MINING
ENGINEERING**

**BY
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"A TREATISE ON GOLD AND SILVER," AND NUMEROUS
TECHNICAL ARTICLES ON MINING**

***FIRST EDITION*
FIRST THOUSAND**

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PREFACE

THE present volume, known as an Index of Mining Engineering Literature, will be found useful for all engineering professions, but especially to mining and metallurgical engineers and educators. It consists of a complete and carefully made index of eighteen engineering publications: journals, transactions and proceedings of societies, etc., which have in large part been cross-referenced, thus rendering valuable assistance to the reader in acquiring information not given in a general index, and which would not otherwise be accessible except through much tedious and painstaking research and extensive reading.

The work has grown out of the personal needs of the author in both educational and professional work. From a small number of selected references it has grown to such an extent, and has proven of such practical value that it was deemed advisable to publish it and thus place it within reach of members of the engineering professions. It represents the unaided labor of the author for a period of about five years, during which time he was actively engaged with other duties. Any errors that may occur are, therefore, due to his oversight and are not chargeable to others. The method of writing the references has changed from time to time as a result of experience in the work, and the use to which they have been put, which will explain why certain information is given in one instance and not in another. At the beginning of the work, the number of pages or columns, also the illustrations, were not considered of importance, and consequently were not given, and similarly with other minor points. Further, it will occasionally occur that the page as given will not be exact, which is due in large part to calculating backward, hastily, after ascertaining the number of pages or columns in the article, and in a similar manner the length may have been miscalculated by a page, column or a fraction of either. The author will consider it a favor if his attention is called to errors, in order that they may be corrected.

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SCHOOL OF MINES AND METALLURGY,
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ABBREVIATIONS

- Am. Jour. Min. — American Journal of Mining.
Ann. Min. Rept. N. S. Wales. — Annual Mining Report New South Wales.
Cal. Miners' Assoc. Annl. — California Miners' Association Annual.
Coll. Engr — Colliery Engineer
Coll. Engr & Met. Miner. — Colliery Engineer and Metal Miner.
Coll. Working and Management. — Colliery Working and Management.
Coll. Guard. — Colliery Guardian.
Columbia Eng. — Columbia Engineer.
E. & M. J. — Engineering and Mining Journal.
Eng. News. — Engineering News.
Eng -Cont. — Engineering-Contracting.
Eng. Mag. — Engineering Magazine
Gold Min. & Mill. W. Aus — Gold Mining & Milling in Western Australia.
J. C. M. I. — Journal Canadian Mining Institute.
J. C. M. Rev. — Journal Canadian Mining Review
J. C. & M Soc. S. A. — Journal Chemical and Metallurgical Society of South Africa.
J. W. Soc. E. — Journal Western Society of Engineers
J. M. Soc. N. S — Journal Mining Society of Nova Scotia.
Min. Mag. — Mining Magazine.
M. & M. — Mines and Minerals.
Min. & Sci. Press. — Mining and Scientific Press.
Mech. Eng. Coll. — Mechanical Engineering of Collieries.
P. C. M. & M. Soc. S. A. — Proceedings Chemical Mining and Metallurgical Society of South Africa.
P. E. Soc. W. Pa. — Proceedings Engineering Society of Western Pennsylvania.
P. C. M. — Practical Coal Mining.
P. I. C. E. — Proceedings Institute of Civil Engineers
Rept. Insp. Mines Pa. — Report Inspector of Mines of Pennsylvania.
Rept. Zinc Comm. Canada. — Report Zinc Commission of Canada.
R. R. Construction. — Railroad Construction
Sch. Mines Quart. — School of Mines Quarterly
Soc. P. E. E. — Society for the Promotion of Engineering Education.
Sci. Am Supp. — Scientific American Supplement.
T. L. S. M. I. — Transactions Lake Superior Mining Institute.
T. I. M. E. — Transactions Institute of Mining Engineers.
T. A. I. M. E. — Transactions American Institute of Mining Engineers.
T. F. I. M. E. — Transactions Federated Institute of Mining Engineers.
T. I. M & M — Transactions Institution of Mining and Metallurgy.
T. N. S. I. M. & M. E. — Transactions North Staffordshire Institute of Mining and Mechanical Engineers.
T. F. C. M I. — Transactions Federated Canadian Mining Institutes.
T. A. S. M. E. — Transactions American Society Mechanical Engineers.

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- UMPIRE MINE DISASTER.** A description of the Work of Rescue. By W. Seddon. M. & M., vol. 19, p. 205. 4½ columns. I.
- THE WORK OF A JOINT COLLIERY RESCUE-STATION.** By M. H. Habershon. T. I. M. E., vol. 28, p. 254. 18 pages. I.
- NOTES ON THE RECENT UNDERGROUND FIRE AT WHARNCLIFFE SILKSTONE COLLIERIES, AND THE USE OF RESCUE-APPARATUS IN CONNECTION THEREWITH.** By J. Wroe. T. I. M. E., vol. 35, p. 2. 4 pages.
- NOTES ON RECENT EXPERIENCE IN THE PRACTICAL USE OF RESCUE-APPARATUS.** By S. A. T. Winborn. T. I. M. E., vol. 35, p. 7. 16½ pages. I.
- MODERN DEVELOPMENTS OF LIFE-SAVING APPARATUS.** By M. Bamberger and F. Bock. Min. Mag., vol. 12, p. 474. 18 columns. I.
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- CHARGING RESCUE APPARATUS WITH OXYGEN.** By J. Meyer. E. & M. J., vol. 68, p. 367. 1 column. I.
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- EXPERIMENTAL GALLERY FOR TESTING LIFE-SAVING APPARATUS.** By W. E. Garforth. T. I. M. E., vol. 22, p. 169. 12 pages. I.
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- THE ASPEN MINE-FIRE.** By A. Lakes. M. & M., vol. 18, p. 251. 6½ columns. I.
- THE LUKE FIDDLER MINE FIRE** By B. Halbestadt Coll. Engr. & Met. Miner, vol. 16, p. 6. 4 columns. I.
- LIST OF PAPERS AND BOOKS ON THE SUBJECT OF UNDERGROUND FIRES** T. I. M. E., vol. 25, p. 746
- A REVIEW OF THE REPORT OF THE COMMISSION ON FIRES IN PICTOU MINES.** By H. S. Poole T. F. C. M. I., vol. 2, p. 155. 11 pages.
- GOB-FIRES IN LONGWALL WORKINGS, WITH SPECIAL REFERENCE TO THE YARD SEAM.** By A. Hassam T. F. I. M. E., vol. 8, p. 332. 10 pages. I.
- NOTES ON GOB-FIRES.** By W. H. Chambers T. I. M. E., vol. 18, p. 154. 12 pages. I.
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- USE OF SULPHUR DIOXIDE TO EXTINGUISH MINE FIRES** By W. O. Snelling. M. & M., vol. 28, p. 456. 1 column.

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- THE USE OF CARBON DIOXIDE IN EXTINGUISHING MINE FIRES.** By S F Walker. M. & M., vol. 28, p 505 4 columns.
- A SUCCESSFUL FIGHT WITH A MINE FIRE.** By F L Barker. M. & M., vol. 28, p 227. $1\frac{1}{4}$ columns.
- A NEW SYSTEM OF COMBATTING FIRES IN MINES.** By St. Wysocki T. I. M. E., vol 27, p. 732. $1\frac{1}{2}$ pages
- CHEMICAL ENGINES FOR MINE FIRES** E & M J., vol. 83, p 1153. $\frac{3}{4}$ column I
- FIGHTING MINE FIRES WITH CARBON DIOXIDE** M & M, vol 28, p 288. $1\frac{1}{2}$ columns I
- EXTINGUISHING A MINE FIRE, ST GEORGE'S COLLIERY, NATAL** By W T. Heslop. M. & M., vol. 27, p 152. $2\frac{1}{2}$ columns. I
- PIT FIRES: A Consideration of Careful, Special Packing as a Preventive.** By Sam Maurice. T N S. I M. & M E, vol 8, p. 38. $11\frac{1}{2}$ pages I
- REMARKS ON THE ERECTION OF STOPPING WITH A VIEW TO ISOLATE PART OF A MINE ON FIRE** T N S I. M & M E, vol 8, p 100. $17\frac{1}{2}$ pages. I
Discussion, T N S I M. & M. E., vol. 8, p 134. 4 pages
- GOB FIRES AND PIT STOPPINGS.** By R. Oswald. T. N. S I M. & M. E., vol. 8, p. 198. 2 pages I
- DISCUSSION OF OSWALD'S PAPER ON GOB FIRES AND PIT STOPPINGS.** T N. S. I. M. & M. E., vol. 9, p 64. 8 pages I.
- CAMPBELL'S METHOD OF EXTINGUISHING A COAL MINE FIRE.** Rept. Inspr. Mines, Pa., 1880, p. 35. 2 pages. I.
- STEAM AND GAS AS FIRE EXTINGUISHERS.** Rept. Inspr. Mines, Pa., 1880, p. 38. $2\frac{1}{4}$ pages.
- EXTINGUISHING A FIRE IN A PYRITOUS MINE.** Min. & Sci. Press, vol. 91, p. 258. $1\frac{1}{2}$ columns.
- A REGION OF SUBTERRANEAN FIRES Extinguishing by Carbon monoxide Gas.** Min. & Sci Press, vol. 54, p. 282. $2\frac{1}{2}$ columns.
- CONTROLLING AND EXTINGUISHING FIRES IN PYRITOUS MINES.** By L. T. Wright. E & M J., vol 81, p 171. 6 columns. I
- CARBONIC ACID FOR EXTINGUISHING FIRES** Min & Sci Press, vol 31, p 242 $\frac{3}{4}$ column
- STOPPING OFF MINE FIRES** M. & M., vol. 20, p. 330. $\frac{3}{4}$ column. I.
- FIRES IN MINES AND THE MEANS OF EXTINGUISHING THEM** By R P. Rothwell E. & M J, vol. 8, p. 51. $1\frac{1}{2}$ columns, p. 162, $1\frac{3}{4}$ columns; and p 241, $4\frac{1}{2}$ columns. I
- LIQUID CARBONIC ACID AS AN AGENT FOR EXTINGUISHING FIRES** By F. M. Barber. E & M J, vol 20, p 3, $\frac{1}{2}$ column, and p. 305, 1 column.
- MINE FIRES NEAR WILKES-BARRE: Use of Steam in Extinguishing Them** E & M J, vol. 18, p. 213, Note; and p. 244, $\frac{1}{2}$ column.
- THE BUTLER MINE-FIRE CUT-OFF.** By H. S Drinker. T. A. I M. E., vol 7, p 159
- THE APPLICATION OF LIQUEFIED CARBONIC ACID GAS TO UNDERGROUND FIRES.** By G. Spencer. E. & M. J., vol 68, p. 155. 1 column.
- FIGHTING A FIRE IN AN ANTHRACITE COAL MINE** E & M. J., vol. 69, p. 496. $\frac{1}{2}$ column.
- FIRE-DRILLS AT MINES.** M. & M., Dec., 1904, p 212
- NOTE ON A FIRE-BULKHEAD.** By O. M. Rolker. T. A. I. M. E., vol. 13, p 505
- THE APPLICATION OF LIQUEFIED CARBONIC ACID GAS TO UNDERGROUND FIRES** By G. Spencer. T. I. M. E., vol. 17, p. 181. 16 pages.

- MINE FIRE: Successful Methods Employed in Extinguishing an Underground Fire at Diamondville, Wyoming.** By H. Barrell. M. & M., vol. 19, p. 540. 1½ columns. I.
- EXTINGUISHING MINE FIRES: Two Successful Methods Employed in Dealing with Mine Fires in Anthracite Coal Mines.** M & M., vol. 19, p. 539. 2 columns. I.
- NEW METHOD OF MINE FLOODING ADOPTED BY THE PENNSYLVANIA COAL COMPANY FOR SUBDUING A FIRE IN THEIR No. 6 SHAFT.** M. & M., vol. 19, p. 465. 2½ columns. I.
- A DESCRIPTION OF THE METHODS ADOPTED TO EXTINGUISH A FIRE AT THE PENNSYLVANIA COLLIERY, NEAR MOUNT CARMEL, PENNSYLVANIA.** By B. Halberstadt. Coll. Engr. & Met. Miner, vol. 15, p. 272. 2 columns. I.
- QUEENSLAND COAL MINING; AND THE METHOD ADOPTED TO OVERCOME AN UNDERGROUND FIRE.** By E. S. Wight. T. F. I. M. E., vol. 4, p. 548. 5 pages.
- WAGNER PORTABLE PNEUMATIC SAFETY-STOPPING FOR MINING PURPOSES.** By R. Cremer. T. I. M. E., vol. 15, p. 219. 14 pages. I.
- FIRE DOORS FOR MINE SHAFTS.** By R. G. Brown. E. & M. J., vol. 57, p. 321. ¾ column. I.
- Spontaneous Combustion in and About Mines**
- SPONTANEOUS IGNITION OF COAL.** By V. B. Lewes. J. W. Soc. E., vol. 1, p. 510. 2 pages.
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- SPONTANEOUS COMBUSTION OF COAL AND FIRE-DAMP.** T. I. M. E., vol. 28, p. 741. 1½ pages.
- THE SPONTANEOUS IGNITION OF COAL.** By V. B. Lewes. E. & M. J., vol. 82, p. 65. 3 columns.
- REMARKS ON SPONTANEOUS COMBUSTION.** By A. R. Sawyer. T. N. S. I. M. & M. E., vol. 8, p. 70. 3 pages.
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- THE CHANGES WHICH COAL UNDERGOES BY EXPOSURE.** By E. Engelmann. E. & M. J., vol. 14, p. 410. 2 columns.
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- SPONTANEOUS COMBUSTION OF COAL ON BOARD SHIP.** *Am. Jour. Min.*, vol. 2, p. 44. $\frac{1}{2}$ column.
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- THE CAUSES OF SPONTANEOUS IGNITION OF COAL.** *E. & M. J.*, vol. 9, p. 328. $1\frac{1}{2}$ columns.
- SPONTANEOUS COMBUSTION IN COAL-MINES.** By A. Lupton. *T. F. I. M. E.*, vol. 4, p. 481, 13 pages; and vol. 7, p. 206, 4 pages.
- INJURY TO COAL BY SPONTANEOUS COMBUSTION.** By C. J. Woodbury. *Coll. Engr.*, vol. 10, p. 116. 1 column.
- ON IRON PYRITES IN AIDING SPONTANEOUS COMBUSTION (Gob-Fires).** *Coll. Engr.*, vol. 10, p. 195. $\frac{1}{2}$ column.
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- SPONTANEOUS COMBUSTION OF THE REFUSE OF A LEBLANC SODA WORKS.** *E. & M. J.*, vol. 51, p. 558. $\frac{1}{2}$ column.
- THE SPONTANEOUS IGNITION OF COAL.** By A. O. Doane. *Eng. News.*, Aug. 18, 1904. 2 columns.
Min. Mag., Sept., 1904, p. 217.
- SPONTANEOUS FIRES IN THICK COAL-SEAMS, AND METHODS OF DEALING WITH THEM:** Their Prevention. *T. I. M. E.*, vol. 16, p. 485.
- OBSERVATIONS ON THE RELATION OF UNDERGROUND TEMPERATURES AND SPONTANEOUS FIRES IN THE COAL TO OXIDATION AND TO THE CAUSES WHICH FAVOR IT.** By J. S. Haldane and F. G. Meachem. *T. I. M. E.*, vol. 16, p. 457. 36 pages. I.
- THE CAUSES OF SPONTANEOUS COMBUSTION OF COAL AND PREVENTION OF EXPLOSIONS ON SHIPBOARD.** By M. V. Jones. *T. F. I. M. E.*, vol. 3, p. 789. 6 pages. I.
- IN MINES WHERE SPONTANEOUS COMBUSTION IS APT TO OCCUR, THE FOLLOWING PRINCIPLES SHOULD BE OBSERVED.** *T. F. I. M. E.*, vol. 5, p. 18.
- SPONTANEOUS COMBUSTION IN COAL MINES.** By J. Settle. *T. F. I. M. E.*, vol. 5, p. 10, 20 pages; p. 392, 16 pages; and vol. 6, p. 409, 4 pages.
- SHOP FIRES FROM SPONTANEOUS COMBUSTION.** I. H. L. Coon in *Cassier's Mag.* for May, 1903; *M. & M.*, Aug., 1903, p. 11.

Inundation of Mines

- AN INBURST OF WASTE-WATER AT WALLYFORD COLLIERY.** By R. T. Moore. *T. I. M. E.*, vol. 28, p. 11. 3 pages.
- COMSTOCK INUNDATION.** *Min. & Sci. Press*, vol. 44, p. 142. $\frac{1}{2}$ column.
- THE FLOODED MINES.** *Min. & Sci. Press*, vol. 44, p. 158. $\frac{1}{2}$ column.
- REMEDY FOR FLOODED MINES.** *Min. & Sci. Press*, vol. 44, p. 296. $\frac{1}{2}$ column.
- SOME LESSONS FROM THE RECENT FLOODS IN THE ANTHRACITE MINES OF PENNSYLVANIA.** By W. S. Ayres. *E. & M. J.*, vol. 73, p. 378. $2\frac{1}{2}$ columns.
- INUNDATIONS AT THE GARFORTH COLLIERY, 1872 and 1883.** *T. F. I. M. E.*, vol. 9, p. 150.
- MUD RUSHES IN KIMBERLEY DIAMOND MINES.** *E. & M. J.*, vol. 76, p. 237.

THE JOHNSTOWN DISASTER AND THE CAMBRIA IRON COMPANY. E. & M. J., vol. 47, p. 520. 3 columns. I

A COLLIERY FLOODED BY TAPPING OF WATER IN OLD WORKINGS Coll. Engr, vol. 11, p. 160 $\frac{1}{2}$ column.

A COLLIERY FLOODED Coll. Engr, vol. 9, p. 137 1 column +.

INUNDATION OF COLLIERY, ENGLAND Min. & Sci Press, vol 34, p. 295 $\frac{1}{2}$ column.

THE GARFORTH COLLIERIES, WITH SPECIAL REFERENCE TO THE FAILURES OF TUBBING AND INUNDATIONS WHICH OCCURRED IN 1872 AND 1883 By R. Routledge T F I. M. E., vol. 9, p. 150 8 pages I

Mine Explosions

RECENT MINE DISASTERS E & M. J., vol. 83, p. 1054. 1 column +

A PATHETIC INCIDENT CONNECTED WITH A GREAT EXPLOSION Coll Engr, vol. 9, p. 100 1 column I

AN UNUSUAL MINING ACCIDENT: Gas Explosion in Tunnel Min & Sci. Press, vol 26, p. 273. $1\frac{1}{2}$ columns.

NOTES ON THE MONONGAH EXPLOSION. By J Ashworth. M & M., vol. 28, p. 512. $3\frac{1}{2}$ columns.

EXPLOSIONS IN PRUSSIAN COLLIERIES DURING 1902 AND 1903. T I M E., vol. 27, p. 727. $2\frac{1}{2}$ pages

THE ELBA AND CLYDACH VALE COLLIERY EXPLOSIONS. By J Ashworth T. I. M. E., vol. 30, p 509 16 pages. I.

CAN EXPLOSIONS IN COAL MINES, WITH THEIR ASSOCIATED TOXIC FATALITIES, BE PREVENTED? By B. H. Thwaite T. I. M. E., vol. 30, p. 388. $15\frac{1}{2}$ pages.

EXPLOSIONS OF GAS ON THE CONTINENT. T. I. M. E., vol. 31, pp 715-722

THE HANNA, WYOMING, MINE DISASTER. By R. L. Herrick. M. & M., vol. 28, p. 474. $6\frac{1}{2}$ columns. I.

YOLANDE MINE DISASTER. M. & M., vol. 28, p 331. 2 columns.

COAL MINE EXPLOSIONS. By L. Brett. M & M., vol 28, p. 346. 5 columns.

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MONONGAH MINE DISASTER By H. H Stock. M & M, vol 28, p. 277, 7 columns; and p. 327, $2\frac{1}{2}$ columns

AIR-PERCUSSION AND TIME IN COLLIERY EXPLOSIONS. By J. Ashworth T I M E, vol 34, p. 270 $11\frac{1}{2}$ pages I

BRATTICE EXPLOSION DOOR. M & M, vol 27, p 455 $\frac{1}{2}$ column. I

THE FERNIE EXPLOSION. T I. M. E, vol. 26, p 426 18 pages .

THE STUART COLLIERY DISASTER. By F. W. Parsons. E. & M. J., vol. 83, p. 342. 2 columns. I

DISASTER AT MONONGAH COAL MINES Nos 6 AND 8. By F. W. Parsons E & M J, vol 84, p 1121 $5\frac{1}{2}$ columns I

EXPLOSIONS IN MINES T I M E, vol 26, p 643 8 pages

THE EXPLOSION HAZARD OF ELECTRICAL APPLIANCES IN COLLIERIES E & M J, vol 81, p. 1242. $1\frac{1}{2}$ columns

OFFICIAL REPORT ON THE COURRIERES EXPLOSION E & M J, vol 82, p 545 3 columns

COLLIERY EXPLOSIONS AND THEIR CAUSES By J T Beard E & M. J, vol 83, p. 1051 $12\frac{1}{2}$ columns I

VOLCANIC ACTIVITY AND MINE EXPLOSIONS E & M. J, vol 83, p. 1054 2 columns

THE WINGATE EXPLOSION. E. & M. J., vol 82, p. 887. $\frac{1}{2}$ column.

CONCLUSIONS ARRIVED AT BY ABEL ON CAUSE OF MINE EXPLOSIONS T A. I. M. E., vol. 13, p. 261.

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- MINE EXPLOSIONS.** By J. T. Beard. E. & M. J., vol. 81, p. 952 9 columns.
- COMPARISON OF THE EXPLOSIVE AND DANGEROUS QUALITIES OF COAL GAS AND THE STRONG WATER GAS.** By H. Wurtz. E & M. J., vol. 31, p. 161. 2 columns.
- EXPLOSIONS IN MINES AND THE MINES REGULATION ACT, 1872** By J. S. Bakewell. T. N. S. I. M. & M. E., vol. 5, p. 31. 9 pages.
- LECTURE ON COLLIERY EXPLOSIONS.** By T. Carnelley. T. N. S. I. M. & M. E., vol. 3, p. 35. 14 pages.
- EXPLOSIONS.** By A. R. Sawyer. T. N. S. I. M. & M. E., vol. 10, p 17. 5 pages. I.
- COLLIERY EXPLOSIONS** T. N. S. I. M. & M. E., vol 10, p. 42. 9 pages.
- MINE EXPLOSIONS IN ILLINOIS** By R. Newsam. M & M., vol. 27, p 417. 4 columns I.
- THE COURRIERES CATASTROPHE** E & M J, vol 81, p 898 2 columns I
- THE DISASTER AT LENS (Explosion)** By M Vingoe E & M J, vol 81, p 663. 2½ columns I
- THE MANNERS COLLIERY EXPLOSION** By J Ashworth. M. & M., vol 26. p 366 1½ columns I
- PERCUSSION IN MINE EXPLOSIONS** M. & M., vol 26, p 359 1½ columns
- THE YORK FARM COLLIERY DISASTER (Explosion)** Coll Engr., vol 13, p 14 3½ columns I
- FIRE DAMP EXPLOSIONS** Coll Engr., vol 13, p. 57 4 columns I.
- THE EXPLOSION AT THE WHITSITT MINE.** Coll. Engr., vol. 13, p. 206 1½ columns. I
- THE COURRIERES' DISASTER.** M & M., vol 26, p. 458. 4 columns I.
- THE PITSTON CALAMITY (Explosion).** E. & M J., vol. 11, p. 377. 2½ columns.
- DANGERS OF COAL MINING: Gases and Explosions.** Min & Sci. Press, vol. 23, p. 310. ¾ column.
- MINE EXPLOSIONS (Explosives).** E. & M. J, vol. 5, p. 81. 1 column.
- RECOIL OF GAS EXPLOSIONS IN MINE ENTRIES.** M. & M., vol. 20, p. 332 2 columns. I.
- SCOFIELD MINE DISASTER, UTAH.** By D. Maguire M. & M., vol. 20, p. 485. 3 columns. I
- CAUSES OF EXPLOSIONS IN MINES.** E & M. J., vol. 25, p. 12. 1 column.
- EXPLOSIONS IN COAL MINES** By J W. Thomas. E. & M. J., vol. 21, p. 36. 1½ columns.
- THE AFTER-DAMP EXPLOSIONS IN COAL MINES.** By J W. Thomas. E & M. J, vol. 19, p. 166. 2½ columns.
- THE OAKS COLLIERY EXPLOSION.** Am Jour Min, vol. 2, p. 218 1½ columns.
- THE RECENT COLLIERY EXPLOSIONS.** Am Jour. Min., vol. 2, p. 225 2 columns
- THE GAYLORD DISASTER** Coll. Engr. & Met Miner, vol. 14, p 207. ¾ column.
- THE ACCIDENT AT SOUTH WILKES-BARRE, PA.** Coll Engr. & Met. Miner, vol 14, p 288 1½ columns.
- THE BAST COLLIERY DISASTER.** Coll. Engr & Met. Miner, vol 8, p. 66. 1½ columns.
- FATAL MINING EXPLOSIONS IN ENGLAND DURING THE LAST HALF-CENTURY.** Coll Engr. & Met. Miner, vol. 8, p 77. 1½ columns.
- THE KANSAS MINE DISASTER (Explosion)** Coll. Engr, vol 9, p. 76. 5 columns
- THE EXPLOSION AT THE KETTLE CREEK COAL-MINE.** Coll. Engr., vol. 9, p. 87 6½ columns.
- TWO SERIOUS EUROPEAN EXPLOSIONS.** Coll. Engr., vol. 9, p. 103. 1 column.
- POPULAR IDEAS ABOUT EXPLOSIONS.** Coll. Engr., vol. 9, p. 111. 2½ columns.

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- EXPLOSIONS IN COAL-MINES.** By W. Seddon. Coll. Engr., vol. 9, p. 151. 1 column +.
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- ON PRECAUTIONARY MEASURES AGAINST EXPLOSIONS OF FIRE-DAMP.** By M. Hoernecke. E. & M. J., vol. 37, p. 256, 2¾ columns; p. 272, 3¾ columns; p. 310, 2½ columns; p. 330, 2½ columns; p. 368, 3 columns; p. 404, 2½ columns; 462, 480.
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- THE ZEIGLER MINE EXPLOSION.** M. & M., vol. 25, p. 552. 2 columns. I.
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- THE CLYDACH VALE EXPLOSION, SOUTH WALES.** By J. Ashworth. M. & M., vol. 26, p. 154. 7 columns. I.
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- EXPLOSIONS FROM UNKNOWN CAUSES.**
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- THE POCAHONTAS MINE-EXPLOSION.**
By J. H. Bramwell, S. M. Buck and E. H. Williams. T. A. I. M. E., vol. 13, p. 237.
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- SOME ASPECTS OF RECENT COLLIERY EXPLOSIONS.** By H Hall T.F.I. M. E, vol 11, p. 526. 9 pages.
- THE CAUSES OF DEATH IN COLLIERY EXPLOSIONS** By J. S. Haldane. T.F.I.M E, vol. 11, p. 502, 12 pages; vol 11, p 519, 7 pages; vol. 12, p 61, 14 pages; vol. 12, p. 102, 3 pages; vol. 12, p 533, 10 pages; vol. 13, p. 283, 6 pages.
- SUGGESTED RULES FOR THE RECOVERY OF COAL-MINES AFTER EXPLOSIONS** By W E Garforth. T F. I. M. E., vol. 14, p 495 41 pages.
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- AN INQUIRY INTO THE CAUSE OF THE TWO SEAHAM EXPLOSIONS, 1871 AND 1880, AND THE POCHIN EXPLOSION, 1884.** By T. H. M. Stratton. T. F. I. M. E., vol. 3, p. 385. 25 pages. I
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- REPORT OF COMMISSION ON EXPLOSIONS FROM COAL DUST.** T. F. I. M. E., vol. 8, p. 36, 10 pages; vol. 8, p. 593, 16 pages; vol. 9, p. 206, 13 pages; vol. 9, p. 274, 6 pages; vol. 10, p. 38, 6 pages; vol. 10, p. 503, 10 pages.
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- SEASONS IN THE UNITED STATES AND EUROPE WHEN MINE EXPLOSIONS USUALLY OCCUR.** E. & M. J., vol. 83, p. 1056 Note
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- BAROMETRIC PRESSURE AND SIMULTANEOUS EXPLOSIONS OF GAS IN EUROPEAN COLLIERIES** E. & M. J., vol. 83, p. 1055. 2 columns
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Poisoning and Injuries

- AN EXPERIMENT IN CYANIDE POISONING** By A. M. Johnston. P. C. & M. Soc. S. A., vol. 2, p. 676. 7½ pages.
- GASEOUS POISONING.** P. C. M. & M. Soc. S. A., vol. 5, p. 192. 4 columns.
- NOTES ON THE PERSISTENCE OF CYANIDE IN THE STOMACH AFTER DEATH.** By W. H. Jollyman. P. C. M. & M. Soc. S. A., vol. 5, p. 170. 3¾ columns.
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- TREATMENT FOR ELECTRICAL SHOCKS.** By R. Lee. E. & M. J., vol. 83, p. 999. 1 column.
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THE DALY-WEST MINE EXPLOSION. E & M J., vol. 74, p. 106 1 column

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CAUSE OF ACCIDENTS IN THE USE OF EXPLOSIVES T F I. M. E., vol 14, p 480 List

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AN INVESTIGATION AS TO WHETHER THE FUMES PRODUCED FROM THE USE OF ROBURITE AND TONITE IN COAL MINES ARE INJURIOUS TO HEALTH. By Committee. T. F. I. M. E., vol. 2, p. 368, 46 pages, I; and p. 467, 2 pages

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Hoisting Accidents

ACCIDENTS IN HOISTING, OVERWINDING, ETC. T. A. I. M. E., vol. 8, p. 93.

PREVENTION OF HOISTING ACCIDENTS. By A. Selwyn-Brown. E. & M. J., vol. 80, p. 344. 4½ columns. I.

FALSE SECURITY IN COAL MINES. M. & M., vol. 25, p. 551. 1 column.

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Boiler Explosions

ON THE EXPLOSION OF BOILERS AND OTHER VESSELS. By E. B. Marten. T. N. S. I. M. & M. E., vol. 7, p. 91. 14 pages. I.

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Earth and Snow Slides— Avalanches

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- SNOW SLIDES.** By A. Lakes. M. & M., vol. 26, p. 391. $3\frac{1}{2}$ columns. I.
- SNOWSLIDES AND AVALANCHES IN THE ROCKY MOUNTAINS.** By A. Lakes. M. & M., vol. 19, p. 516. $2\frac{1}{2}$ columns. I.
- DESTRUCTION OF CAMP BIRD MILL** Min. & Sci. Press, vol. 92, p. 200 $1\frac{1}{2}$ columns. I.
- THE EFFECT OF A SNOWSLIDE.** Min. & Sci. Press, vol. 92, p. 258. 2 columns. I.
- SLIPS IN CLAYEY SOILS.** By F. A. Mahan. P. E. Soc. W. Pa., vol. 1, p. 70. 36 pages. I.
- THE CLAY SLIDE AT THE BOONE VIADUCT, BOONE, IOWA.** By A. W. Merrick. J. W. Soc. E., vol. 11, p. 332. 18 pages. I.
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Tamping and Tamping Materials

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Quantity of Explosive that should be Used

AMOUNT OF EXPLOSIVE. M. & M., vol. 27, p. 514. Note.

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Large or Mammoth Blasts

THE GREAT BLAST AT GLENDON, EASTON, PA. By E. Clark. T. A. I. M. E., vol. 7, p. 266.

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LARGE EXPLOSIONS AND THEIR RADII OF DANGER. By Col. Bucknill. Engineering, vol. 64, p. 186, $4\frac{1}{2}$ columns, I.; p. 251, $5\frac{1}{2}$ columns; p. 284, $2\frac{1}{2}$ columns; p. 314, $2\frac{1}{2}$ columns.

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BLASTING TIGHT PLACERS BEFORE DREDGING. By O. B. Finn. E. & M. J., vol. 78, p. 9. $2\frac{1}{2}$ columns. I.

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Submarine Blasting

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- THE HELL GATE IMPROVEMENTS.** E. & M. J., vol. 40, p. 288, 6½ columns, I.; and p. 384, 3 columns.
- HEAVY SUBMARINE BLASTS** (Henderson's Point). E. & M. J., vol. 80, p. 251. 1½ columns. I.
- THE HELL GATE OBSTRUCTIONS.** E. & M. J., vol. 13, p. 200. 1 column.
- SUBMARINE BLASTING.** Min. & Sci. Press, vol. 27, p. 227. ¾ column.
- METHOD OF SUBMARINE BLASTING,** PORT FREMANTLE, WEST AUSTRALIA. Gold Mining & Milling, p. 452. Note.
- BLASTING IN COAL (LIME).** Min. & Sci. Press, vol. 48, p. 189. ¾ column.
- WATER AND GELATINOUS CARTRIDGES.** T. N. S. I. M. & M. E., vol. 9, p. 114, 6 pages; and p. 123, 26 pages. I.
- BLASTING WITH WATER CARTRIDGES IN COMBINATION WITH INFLAMMABLE EXPLOSIVES.** By J. Macnab. T. N. S. I. M. & M. E., vol. 6, p. 229. 8 pages.
- LIME BLASTING.** By Chas. Gordon. T. N. S. I. M. & M. E., vol. 7, p. 50. 4 pages.
- THE USE OF LIME CARTRIDGES AS APPLIED TO THE NORTH AND SOUTH STAFFORDSHIRE COAL FIELDS.** By F. M. Still. T. N. S. I. M. & M. E., vol. 7, p. 277. 10 pages.
- SMITH AND MOORE'S PROCESS OF GETTING COAL BY CAUSTIC LIME** By T. E. Storey. T. N. S. I. M. & M. E., vol. 6, p. 208. 8 pages.
- THE "LIME PROCESS" IN ENGLISH COAL MINES.** Breaking Down Coal. E. & M. J., vol. 34, p. 319. ¾ column.
- THE SPEAKMAN WATER-CARTRIDGE.** By J. J. Speakman. T. F. I. M. E., vol. 3, p. 359. 7 pages. I.

Lime Blasting

CHEMISTRY: METHODS AND PRACTICE

- SOLUTIONS.** By A. A. Watson. Min. & Sci. Press, vol. 84, p. 35. 1½ columns.
- THE THEORY OF SOLUTIONS.** By A. Von Oettingen. P. C. & M. Soc. S. A., vol. 2, p. 543. 10½ pages.
- CHEMISTRY OF STORAGE BATTERIES.** T. A. I. M. E., vol. 18, p. 351.
- SCHEMES FOR QUALITATIVE ANALYSIS.** By J. S. C. Wells and A. R. Cushman. Sch. Mines Quart., vol. 15, p. 244. 30 pages.
- THE VALUE OF CAREFUL AND COMPLETE ANALYSIS OF ROCKS AND MINERALS.** By W. L. Coodwin. T. F. C. M. I., vol. 1, p. 37. 7 pages.
- WESTERN NOTES FOR THE INSTRUCTION OF ASSAYERS AND CHEMISTS.** By S. Crasdale. E. & M. J., vol. 55, p. 130. 3 columns.
- THE CHEMISTRY OF THE MINE.** By A. Hill. T. N. S. I. M. & M. E., vol. 1, p. 7, 16 pages; p. 24, 16 pages; p. 57, 20 pages.
- CHEMICAL ENGINEERING** P. C. M. & M. Soc. S. A., vol. 6, p. 25. 3 columns.
- LICENSED CHEMISTS.** E. & M. J., vol. 84, p. 1032. 4½ columns.
- INORGANIC STANDARDS FOR THE CALORIMETRIC CARBON TEST.** By T. W. Robinson. T. A. I. M. E., vol. 16, p. 111.
- A SWITCHBOARD ATTACHMENT FOR ELECTROLYSIS.** By E. L. Larrison. E. & M. J., vol. 82, p. 932. 3 columns. I.
- INDEPENDENT STIRRER FOR ELECTROLYSIS.** By E. L. Larrison. E. & M. J., vol. 82, p. 1168. 5½ columns. I.
- THE PRECIPITATION OF METALS FROM HYPOSULPHITE SOLUTIONS.** By C. A. Stetefeldt. T. A. I. M. E., vol. 20, p. 15.
- NOTE ON THE USE OF A MECHANICAL STIRRER FOR PROMOTING CHEMICAL ACTION.** By E. K. Landis. T. A. I. M. E., vol. 21, p. 304.

- GRADING ANALYSES.** By H. S. Denny. E. & M. J., Mar. 9, 1905, p. 469. 4 columns.
- IMPROVED METHODS OF ANALYSIS.** By T. Ulke. E. & M. J., vol. 65, p. 430, 1½ columns; and p. 518, ¾ column.
- THE ACTUAL ACCURACY OF CHEMICAL ANALYSIS.** By F. P. Dewey. T. A. I. M. E., vol. 26, p. 370.
- FILTRATION OF FINE PRECIPITATES.** By C. S. Palmer. E. & M. J., vol. 80, p. 582. ¼ column.
- SOME CAUSES OF ERROR IN BLANK ANALYSES.** By J. B. Mackintosh. Sch Mines Quart., vol. 9, p. 81. 2 pages.
- EVAPORATION OF SOLUTIONS.** E. & M. J., vol. 78, p. 711. 2 columns.
- LABORATORY NOTES ON ANALYTICAL METHODS.** By W. E. Garrigues and G. Mueller. P. E. Soc. W. Pa., vol. 11, p. 334. 16½ pages.
- METHODS USED IN THE LABORATORY OF THE DUQUESNE STEEL WORKS.** By J. M. Camp. P. E. Soc. W. Pa., vol. 11, p. 251. 15½ pages. I.
- AN IMPROVED WASHBOTTLE FOR QUANTITATIVE WORK.** By E. H. Weiskopf. P. C. & M. Soc. S. A., vol. 3, p. 66. 2 pages. I.
- PROGRESS OF ELECTRO-CHEMISTRY IN 1898.** E. & M. J., vol. 68, pp. 190, 220, 247.
- THE STUDY OF CHEMISTRY IN GERMANY.** By S. B. Newberry. Sch. Mines Quart., vol. 5, p. 1. 8 pages.
- NEW COURSE AT COLUMBIA UNIVERSITY FOR CHEMICAL ENGINEERS.** By E. H. Miller. E. & M. J., vol. 79, p. 846. 1½ columns.
- A COURSE IN INDUSTRIAL CHEMISTRY FOR TECHNICAL SCHOOLS.** By F. L. Dunlap. Soc. P. E. E., vol. 6, p. 216.
- PICOT'S OXYGEN SEPARATION PROCESS: A Description of the Apparatus and Process of Distilling from the Atmosphere at a Low Price.** M. & M., Feb., 1902, p. 298. 1½ columns.
- THE CHEMISTRY OF GOSSAN.** By S. H. Emmens. E. & M. J., vol. 54, p. 582. 3 columns.
- ANALYZING MINERALS IN THE FIELD: Extemporaneous Chemistry.** Min. & Sci. Press, vol. 25, p. 150. 2 columns.
- CHEMICAL REDUCTION OF ORES.** Min. & Sci. Press, vol. 23, p. 280. 1 column.
- METHODS OF IRON ORE ANALYSIS USED IN THE LABORATORIES OF THE IRON MINING COMPANIES OF THE LAKE SUPERIOR MINING REGION.** By W. A. Siebenthal. L. S. M. I., vol. 11, p. 71, 68 pages; and p. 177, 4 pages.
- ANALYSIS OF COAL AND ORES.** Coll. Engr., vol. 12, p. 211, 1½ columns, I.; p. 235, 1½ columns, I.; p. 258, 2½ columns, I.; p. 282, 2 columns, I.; vol. 13, p. 18, 1½ columns, I.
- A RAPID METHOD FOR THE REDUCTION OF FERRIC SULPHATE IN VOLUMETRIC ANALYSIS.** T. A. I. M. E., vol. 17, p. 757 and p. 411.
- ON PULVERIZED ZINC AND ITS USES IN ANALYTICAL CHEMISTRY.** By T. M. Drown. T. A. I. M. E., vol. 6, p. 508.
- ANALYSES OF ROCKS.** By T. Egleston. T. A. I. M. E., vol. 3, p. 94.
- PURIFICATION OF SODIUM HYPOSULPHITE SOLUTIONS.** E. & M. J., vol. 63, p. 63. ¼ column.
- THE ANALYSIS OF INSOLUBLES.** By D. Lay. J. C. M. I., vol. 5, p. 42. 4 pages.
- DETERMINATION OF INSOLUBLE MATTER.** E. & M. J., vol. 84, p. 924. 1½ columns.
- THE SIMULTANEOUS PRODUCTION OF AMMONIA, TAR, AND HEATING-GAS.** By A. Hennin. T. A. I. M. E., vol. 21, p. 234.
- PROGRESS OF THE MANUFACTURE OF SODA BY THE AMMONIA-SODA PROCESS.** By O. J. Heinrich. T. A. I. M. E., vol. 13, p. 371.

APPARATUS FOR VOLUMETRIC DETERMINATIONS WITH POTASSIUM PERMANGANATE. By C. Jones. T. A. I. M. E., vol. 15, p. 625.

BLEACHING BARYTES. By E Higgins. E. & M. J., Mar. 9, 1905, p. 465. 2 columns.

ANALYSES OF FURNACE GASES. A Description of the Orsat Apparatus. By T. Egleston. T. A. I. M. E., vol. 2, p. 225.

Chemical Laboratories

LABORATORY OF THE COFFEYVILLE ZINC WORKS, KANSAS. By E. W. Buskett. E. & M. J., vol. 84, p. 541. 5½ columns. I.

THE EQUIPMENT OF A LABORATORY FOR METALLURGICAL CHEMISTRY IN A TECHNICAL SCHOOL. By Chas. H. White. M. & M., Jan., 1905, p. 317. 4 columns.

THE ELECTRO-CHEMICAL LABORATORY AT OWEN'S COLLEGE, MANCHESTER. By E Walker. E. & M. J., vol. 74, p. 644. 1 column. I

EQUIPMENT OF MINING LABORATORIES. E. & M. J., vol. 77, p. 676. 2 columns

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NOTES ON THE NEW CHEMICAL LABORATORY OF THE MISSOURI SCHOOL OF MINES. By C E Wait. T. A. I. M. E., vol. 15, p. 21

A CONVENIENT STILL FOR THE LABORATORY. By C E Wait. T. A. I. M. E., vol. 24, p. 167.

THE EQUIPMENT OF A LABORATORY FOR METALLURGICAL CHEMISTRY IN A TECHNICAL SCHOOL. By C H. White. T. A. I. M. E., vol. 35, p. 117, 8 pages, I; and p. 971.

Determination of Bismuth, Molybdenum, Mercury, Tellurium, Wolfram, etc.

BISMUTH ASSAY. By T. D. Kyle and A. W. Warwick. E. & M. J., vol. 71, p. 459. 1½ columns.

DETERMINING MERCURY IN LOW-GRADE ORES. Min. & Sci. Press, vol. 93, p. 606. ¼ column. I

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DETERMINATION OF SULPHUR IN COPPER. E. & M. J., vol. 50, p. 619. ¼ column.

SALT MANUFACTURE IN CALIFORNIA. By C. G. Yale. E. & M. J., vol. 78, p. 106. 1½ columns.

THE STUART PROCESS FOR THE PRODUCTION OF OXYGEN. By R Hitchcock. E. & M. J., vol. 67, p. 83, 2½ columns; and p. 111, 2½ columns.

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A RAPID METHOD OF DETERMINING MOLYBDENUM. By J Darroch and C. A. Meiklejohn. E. & M. J., vol. 82, p. 818. 2 columns.

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NOTES ON SOME REACTIONS OF TITANIUM. By E H Richards. T. A. I. M. E., vol. 11, p. 90.

ANALYSES OF SOME TELLURIUM MINERALS. By E P. Jennings. T. A. I. M. E., vol. 6, p. 506.

TESTS FOR TELLURIUM. Min. & Sci. Press, vol. 93, p. 233. ¼ column.

CHEMICAL TEST FOR WOLFRAM. Min. & Sci. Press, vol. 92 p. 38. ¼ column.

Methods of Determining Manganese

NOTES ON TEXTOR'S RAPID METHOD FOR THE DETERMINATION OF MANGANESE IN STEEL By C. P. Van Gundy. P. E. Soc. W. Pa., vol. 8, p. 158. 8 pages.

THE VOLUMETRIC DETERMINATION OF MANGANESE IN IRON AND STEEL. By H. E. Walters. P. E. Soc. W. Pa., vol. 19, p. xliii. 2 pages.

A QUICK METHOD OF ESTIMATING MANGANESE By J. Darroch and C. A. Meiklejohn. E & M J., vol. 82, p. 97. 1½ columns.

A MODIFICATION FOR THE DETERMINATION OF MANGANESE IN IRON. By R. Meeks. E & M J., vol. 82, p. 266 ½ column.

THE DETERMINATION OF MANGANESE IN SPIEGEL. By G. C. Stone. Sch. Mines Quart., vol. 6, p. 24. 10 pages.

MANGANESE METHODS. By J. B. Mackintosh. Sch. Mines Quart., vol. 6, p. 35. 2½ pages.

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THE VOLUMETRIC DETERMINATION OF MANGANESE. By J. B. Mackintosh. T. A. I. M. E., vol. 12, p. 79.

THE INFLUENCE OF ORGANIC MATTER AND IRON ON THE VOLUMETRIC DETERMINATION OF MANGANESE. By J. B. Mackintosh. T. A. I. M. E., vol. 13, p. 39.

Lime and Cement Analysis

REVIEW OF THE CHEMISTRY OF PORTLAND CEMENT. By F. H. Mason. Min. & Sci. Press, vol. 94, p. 724. 3½ columns.

THE CHEMICAL ANALYSIS OF PORTLAND CEMENT. By R. R. Meade. Min. & Sci. Press, vol. 84, p. 5. 1 column.

PRACTICAL HINTS ON LIMESTONE ANALYSIS. By K. J. Sundstrom. E. & M. J., vol. 64, p. 126. ½ column.

A RAPID METHOD OF DETERMINING LIME IN BLAST-FURNACE SLAGS. By T. Ulke. E. & M. J., vol. 69, p. 164. ½ column.

Acid Manufacture

THE MANUFACTURE OF PURE NITRIC ACID. E. & M. J., vol. 55, p. 83. 1 column. I.

NEW SPECIFIC GRAVITY TABLES FOR HYDROCHLORIC AND NITRIC ACID. By G. Lunge. E. & M. J., vol. 51, p. 558. 4 columns. I.

THE COMPARATIVE VALUE OF BRIMSTONE AND PYRITES IN THE MANUFACTURE OF SULPHURIC ACID. By J. H. Kelley. E. & M. J., vol. 51, p. 76, 1½ columns; vol. 55, p. 297.

NITRIC ACID OF HIGH CONCENTRATION. E. & M. J., vol. 80, p. 386 ½ column.

SULPHURIC ACID MANUFACTURE. By F. Luety. E. & M. J., vol. 80, p. 634. 7 columns. I.

RECENT IMPROVEMENTS IN THE MANUFACTURE OF SULPHURIC ACID. E. & M. J., vol. 77, p. 1007. 4 columns.

SALT CAKE AND MURIATIC ACID MANUFACTURE BY THE OEHLE-MEYER PROCESS. E. & M. J., vol. 80, p. 533. 3½ columns. I.

SULPHURIC ACID BY ELECTROLYSIS. E. & M. J., vol. 74, p. 148 ½ column.

ESTIMATION OF PHOSPHORIC ACID IN FERTILIZERS. By A. G. Woodman. E. & M. J., vol. 74, p. 781 ½ column.

MANUFACTURE OF SULPHURIC ACID BY CONTACT PROCESS. E. & M. J., vol. 73, p. 481. 1 column.

ON THE MANUFACTURE OF SULPHURIC ACID AT SIDNEY, CAPE BRETON. By C. A. Meissner. J. C. M. I., vol. 6, p. 390. 18 pages. I.

LYTE AND LUNGE'S NITRIC ACID PROCESS. By G. L. F. Vogel. E. & M. J., vol. 69, p. 408. 4 columns. I.

TWENTY YEARS' PROGRESS IN THE CONCENTRATION OF SULPHURIC ACID. By W. H. Adams. T. A. I. M. E., vol. 16, p. 496.

SULPHURIC ACID IN RUSSIA. E. & M. J., Mar. 16, 1905, p. 512. $\frac{3}{4}$ column.

ACID MAKING FROM PYRRHOTITE. By E. A. Sjostedt. J. C. M. I., vol. 7, p. 480. 14 $\frac{1}{2}$ pages. I.

MANUFACTURE OF SULPHURIC ACID IN FLORIDA. E. & M. J., vol. 82, p. 529. 1 $\frac{1}{2}$ columns.

MOND'S NEW PROCESS OF OBTAINING CHLORINE E. & M. J., vol. 59, p. 31. 2 $\frac{1}{2}$ columns. I.

ROESSLER'S METHOD OF MANUFACTURING SULPHURIC ACID AND SULPHATE OF COPPER. By A. F. Wendt. T. A. I. M. E., vol. 12, p. 274.

THE MANUFACTURE OF LIQUID SULPHUROUS ACID IN UPPER SILESIA. By K. Eilers. T. A. I. M. E., vol. 20, p. 336.

Determination of Antimony

DETERMINATION OF ARSENIC, ANTIMONY, COPPER, BISMUTH, IRON, ZINC AND SULPHUR IN LEAD BASE BULLION P. E. Soc. W. Pa., vol. 10, p. 160. 4 $\frac{1}{2}$ pages.

VOLUMETRIC ESTIMATION OF ANTIMONY E. & M. J., vol. 83, p. 896. 1 column.

VOLUMETRIC ESTIMATION OF ANTIMONY By J. Darroch. Min. & Sci. Press, vol. 94, p. 94. 2 columns.

THE VOLUMETRIC ESTIMATION OF ANTIMONY. By James Darroch. Min. & Sci. Press, vol. 92, p. 419. 1 $\frac{1}{2}$ columns.

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THE DETERMINATION OF ARSENIC AND ANTIMONY. By L. B. Skinner. E. & M. J., vol. 74, p. 148. 2 $\frac{1}{2}$ columns.

Methods of Determining Sulphur

ANALYSIS OF CRUDE SULPHUR. E. & M. J., vol. 75, p. 854. Note.

THE VOLUMETRIC DETERMINATION OF SULPHUR AND AMMONIA IN ILLUMINATING GAS. By H. E. Saddler and B. Silliman. T. A. I. M. E., vol. 5, p. 387.

DETERMINATION OF SULPHUR IN ROASTED ZINC BLENDE. By V. Hassreidter. E. & M. J., vol. 83, p. 905. 2 columns.

DETERMINATION OF SULPHUR IN ROASTED ZINC BLENDE. By J. G. Heid. E. & M. J., vol. 62, p. 178. $\frac{1}{2}$ column.

THE ESTIMATION OF SULPHUR IN REFINED COPPER. By G. L. Heath. E. & M. J., vol. 61, p. 205. 1 $\frac{1}{2}$ columns.

ESTIMATION OF SULPHUR IN COAL. Min. & Sci. Press, vol. 49, p. 177. $\frac{1}{2}$ column.

COAL TESTING: Methods of Determining Sulphur and Ash in Coal and Coke. By M. Brown. M. & M., vol. 26, p. 326, 3 $\frac{1}{2}$ columns; p. 470, 2 $\frac{1}{2}$ columns.

ESCHKA'S METHOD OF DETERMINING SULPHUR IN COAL By F. Hundeshagen. E. & M. J., vol. 54, p. 320. $\frac{1}{2}$ column.

DETERMINATION OF SULPHUR IN COAL AND COKE. E. & M. J., vol. 77, p. 202. $\frac{1}{2}$ column.

THE DETERMINATION OF SULPHUR IN COAL By C. W. Stoddart. E. & M. J., vol. 75, p. 968. 3 columns.

DETERMINATION OF SULPHUR IN COKE AND COAL. By R. Helmhacker. E. & M. J., vol. 62, p. 106. $\frac{1}{2}$ column.

ESTIMATING SULPHUR IN COAL. E. & M. J., vol. 66, p. 307. 1 column.

THE DETERMINATION OF SULPHUR IN SULPHIDES AND IN COAL AND COKE. By T. M. Drown. T. A. I. M. E., vol. 8, p. 569.

RELATIONS OF SULPHUR IN COAL AND COKE. By J. P. Kimball. T. A. I. M. E., vol. 8, p. 181.

- AN ACCURATE ESTIMATION OF SULPHUR IN IRON BY THE EVOLUTION METHOD.** By H. E. Walters and Robt. Miller. P. E. Soc. W. Pa., vol. 18, p. 83. 4½ pages.
- THE DETERMINATION OF SULPHUR IN IRON BY THE EVOLUTION METHOD.** P. E. Soc. W. Pa., vol. 21, p. 417. 2½ pages.
- SULPHUR IN PIG-IRON.** P. E. Soc. W. Pa., vol. 9, p. 45. 8 pages.
- THE ESTIMATION OF SULPHUR IN PYRITES.** E. & M. J., vol. 58, p. 514. ½ column.
- RAPID DETERMINATION OF SULPHUR IN BURNT PYRITES.** By J. Watson. E & M J, vol. 49, p. 590. 3½ columns.
- THE DETERMINATION OF SULPHUR IN IRON.** By L. L. de Koninck. E. & M. J., vol. 59, p. 441. ½ column.
- SULPHUR IN CAST-IRON.** By W. J. Keep. T A I M E, vol. 23, p. 382.
- SULPHUR DETERMINATION IN STEEL.** By M. Troilus. T. A. I. M. E, vol. 12, p. 507.
- Gold and Silver Analysis**
- NOTE ON A FORM OF SILVER OBTAINED IN THE REDUCTION OF THE SULPHIDE BY HYDROGEN.** By F. C. Phillips. P. E. Soc. W. Pa., vol. 10, p. 130. 2½ pages.
- METHOD OF ANALYSIS OF GOLD-SILVER BULLION.** By J. E. Clennell. E & M. J., vol. 83, p. 1099. 5½ columns.
- CHEMICAL NOTES ON GOLD MILLING.** By R. N. Clark. P. E. Soc. W. Pa., vol. 10, p. 71. 12 pages.
- A TEST FOR GOLD AND SILVER.** Min. & Sci. Press, vol. 87, p. 131. ¾ column.
- TESTING GOLD DUST.** Min. & Sci. Press, vol. 50, p. 153. ¾ column.
- DETECTION OF GOLD IN DILUTE SOLUTIONS.** By T. K. Rose. E. & M. J., vol. 54, p. 603, ½ column.
- DELICATE TEST FOR GOLD.** Min. & Sci. Press, vol. 36, p. 163. ¼ column.
- A JEWELER'S TEST FOR GOLD.** Min. & Sci. Press, vol. 36, p. 167. ¼ column.
- ON THE RECOVERY OF SILVER FROM CAST IRON CRUCIBLES.** Min. & Sci. Press, vol. 31, p. 406. 1½ columns.
- DETERMINATION OF SILVER IN BLISTER COPPER.** By C. C. Sample. E. & M. J., vol. 80, p. 732. 1 column.
- THE ESTIMATION OF GOLD AND SILVER IN ANTIMONY AND BISMUTH.** By E. A. Smith. E & M. J., vol. 56, p. 77. ½ column.
- QUANTITATIVE DETERMINATION OF VERY SMALL QUANTITIES OF SILVER.** E. & M J, vol. 38, p. 195. 1 column.
- THE CONDITION OF SILVER IN A SAMPLE OF LITHARGE.** By C. E. Wait. T. A. I. M. E, vol. 15, p. 463.
- ELECTROLYTIC ANALYSIS OF GOLD.** E. & M J, vol. 77, p. 553. ¾ column.
- Methods of Determining Phosphorus**
- PHOSPHORUS IN THE ASHES OF ANTHRACITE COALS.** By J. B. Britton. T A. I. M. E, vol. 1, p. 298.
- THE DETERMINATION OF PHOSPHORUS IN COAL AND COKE.** By J. Lychenheim. T A. I. M. E., vol. 24, p. 66 and p. 862.
- A RAPID METHOD FOR THE DETERMINATION OF PHOSPHORUS.** By F. A. Emmerton. T. A. I. M. E, vol. 15, p. 93.
- THE DETERMINATION OF PHOSPHORUS.** By J. Westesson. T. A. I. M. E, vol. 13, p. 405.
- NOTES ON EMMERTON'S METHOD OF THE DETERMINATION OF PHOSPHORUS.** By H. C. Babbitt. T. A. I. M. E., vol. 21, p. 794.
- THE EXACT DETERMINATION OF PHOSPHORUS BY A MOLYBDATE METHOD IN IRON, STEEL AND ORES WHICH CONTAIN ARSENIC.** By J. O. Handy. P. E. Soc. W. Pa., vol. 9, p. 377. 5 pages.

A RAPID METHOD FOR PHOSPHORUS DETERMINATION IN IRON, STEEL AND ORES. P. E. Soc. W. Pa., vol. 8, p. 78. 9 pages.

THE ESTIMATION OF TITANIUM AND PHOSPHORUS IN IRON ORES. By E P Jennings. E. & M. J., vol. 45, p. 475. $\frac{1}{2}$ column.

THE ANALYSIS OF IRON ORES CONTAINING BOTH PHOSPHORIC AND TITANIC ACIDS. By T M. Drown and P. W. Shimer. E. & M. J., vol. 32, p. 353. $2\frac{1}{2}$ columns.

A RAPID METHOD FOR THE DETERMINATION OF PHOSPHORUS IN CERTAIN ORES. By T. Reed Woodbridge. T. A. I. M. E., vol 17, p. 750.

PHOSPHATE CHEMISTRY AS IT CONCERNS THE MINER. By T. C. Chatard. T. A. I. M. E., vol. 21, p. 160.

NOTE ON THE DETERMINATION OF PHOSPHORUS IN IRON. By F. E. Bachman and F. Julian. T. A. I. M. E., vol 10, p. 322, vol 12, p. 518.

THE ANALYSIS OF IRON-ORES CONTAINING BOTH PHOSPHORIC AND TITANIC ACIDS. By T M Drown and P. W. Shimer. T. A. I. M. E., vol 10, p. 137.

INSOLUBLE PHOSPHORUS IN IRON ORES. By C. T Mixer. E. & M J., vol. 62, p 4 1 column

Methods of Determining Lead

THE DETERMINATION OF LEAD IN ALLOYS. By W. E. Garrigues. P. E. Soc. W. Pa., vol. 14, p. 80. 3 pages.

EXPERIENCE WITH VON SCHULZ AND LOW'S METHOD FOR LEAD ESTIMATION IN ORES. P. E Soc. W. Pa., vol. 8, p. 120. 6 pages.

DETERMINATION OF LEAD IN GALENA. Min. & Sci. Press, vol. 82, p. 132. Note.

ANALYSIS OF GALENA. Min. & Sci. Press, vol 28, p. 51. $\frac{1}{2}$ column.

THE COMMERCIAL WET LEAD ASSAY. E. & M. J., vol 78, p. 221. $1\frac{1}{2}$ columns.

THE DETERMINATION OF LEAD, IRON, LIME, SULPHUR, CADMIUM AND COPPER IN COMMERCIAL ZINC ORES. By W. G. Waring. E. & M. J., vol 78, p. 298. $4\frac{1}{2}$ columns.

THE ACTION OF SULPHURIC AND NITRIC ACID ON LEAD OF DIFFERENT DEGREES OF PURITY. By G. Lunge. E. & M. J., vol. 55, p. 8, 3 columns; p. 32, $1\frac{1}{2}$ columns; p. 56, $2\frac{1}{2}$ columns.

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- THE TITRATION, USE AND PRECIPITATION OF CYANIDE SOLUTIONS CONTAINING COPPER.** By W. H. Virgoc. T. I. M. & M., vol. 10, p. 103. 42 pages.
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- ESTIMATION OF COPPER BY POTASSIC ACID.** By W. F. Brugman E & M. J., vol. 47, p. 459. 1½ columns.
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- A RAPID METHOD FOR THE REDUCTION OF FERRIC SULPHATE IN VOLUMETRIC ANALYSIS** By C Jones T. A. I. M E., vol 17, p. 411 and p. 757.
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- THE EVOLUTION OF THE DETERMINATION OF IRON IN ORES.** By H W Craver P E Soc W. Pa., vol. 19, p 253 8½ pages.
- DETERMINATION OF CARBON IN STEEL BY DIRECT IGNITION WITH RED LEAD** By C M. Johnson. P E Soc W Pa., vol. 21, p 586. 15 pages I
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- THE ELMORE OR VACUUM FLOTATION PROCESS.** By E. Walker. E. & M. J., vol. 83, p. 800. $2\frac{1}{2}$ columns. I.
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- VACUUM-FLOTATION PROCESS FOR CONCENTRATION.** By A. S. Elmore. E. & M. J., vol. 83, p. 908. 5 columns. I.
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- SOME POINTS IN SILVER-MILLING BY AMALGAMATION Min. & Sci Press, vol. 66, p 117, 1½ columns; p 132, 1½ columns; p 148, 1½ columns; p 164, 1½ columns
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- THE AMALGAMATION OF IRON.** E. & M. J., vol. 14, pp. 59, 66
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- AMALGAMATION ON THE RAND.** By I. Roskelley E. & M. J., vol. 77, p. 841 3 columns
- HYDROGEN AMALGAM.** E. & M. J., vol. 37, p. 236 1 column.
- THE PRESENT STATUS OF STAMP MILLING** By T. A. Rickard E. & M. J., vol. 54, p. 632. 1½ columns.
- THE USE OF BICHLORIDE OF MERCURY IN THE SAVING OF FINE GOLD.** By B. T. Wilson E. & M. J., vol. 49, p. 61, 1½ columns; and p. 243, 1 column
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- THE WISWELL AMALGAMATING MILL.** E. & M. J., vol. 42, p. 25. 2 columns I
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- LIXIVIATION VS AMALGAMATION.** T. F. I. M. E., vol. 5, p. 336
- LIXIVIATION AND AMALGAMATION.** T. A. I. M. E., vol. 14, p. 395
- NOTES ON PLATE AMALGAMATION.** By G. E. Collins E. & M. J., vol. 68, p. 762 1½ columns
- THE TREATMENT OF AMALGAM IN THE TRANSVAAL** By F. L. Carter. E. & M. J., vol. 66, p. 578. ¾ column
- COMBINED AMALGAMATION AND CONCENTRATION OF SILVER-ORES** By W. McDermott. T. A. I. M. E., vol. 13, p. 679.

- RECENT IMPROVEMENTS IN CONCENTRATION AND AMALGAMATION.** By J. A. Church. T. A. I. M. E., vol. 8, p. 141.
- IRON AMALGAM.** By E. M. Mardin. E. & M. J., vol. 66, p. 393; vol. 65, p. 766.
- THE AMALGAMATION OF RICH, FREE GOLD-ORES** By F. Hille. E. & M. J., vol. 61, p. 136. 1½ columns
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- THE USE OF THE TREMAIN STEAM-STAMP WITH AMALGAMATION** By E A. Sperry T. A. I. M. E, vol. 26, p. 545.
- THE AMALGAMATION OF GOLD-ORES, AND LOSS OF GOLD IN CHLORIDIZING-ROASTING, WITH SPECIAL REFERENCE TO ROASTING IN A STETEFELDT FURNACE.** By C. A. Stetefeldt. T. A. I. M. E., vol. 14, p. 336.
- A GENERAL CLEAN-UP AT THE NORTH BLOOMFIELD GRAVEL MINE.** By W. H. Radford Sch. Mines Quart., vol. 5, p. 373. 5 pages. I.
- THE TREATMENT OF GOLD AND SILVER ORES BY WET CRUSHING AND PAN AMALGAMATION WITHOUT ROASTING.** By J M Adams. T. A. I. M. E., vol. 2, p. 159.
- SOME RESEARCHES ON THE AMALGAMATION OF GOLD AND SILVER.** By T. Egleston. T. A. I. M. E., vol. 12, p. 379.
- See **USE OF PLATES IN AMALGAMATION.**
- Use of Plates in Amalgamation**
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- AMALGAMATING PLATES AND MACHINERY** Machinery for Metalliferous Mines, p. 411. 22 pages
- NOTES ON BATTERY AND COPPER-PLATE AMALGAMATION** By R H. Richards. T. A. I. M. E, vol. 8, p. 362
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- AMALGAMATED PLATES FOR PLACER MINES.** Min. & Sci. Press, vol. 39, p. 414. $\frac{1}{2}$ column.
- THE NEW DEPARTURE IN PAN AMALGAMATION** Min. & Sci. Press, vol. 40, p. 329. $1\frac{1}{2}$ columns.
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- WOOD ASH, A PRESERVATIVE FOR AMALGAMATION PLATES WHEN NOT IN USE** Min & Sci. Press, vol. 84, p 31 Note.
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- TREATMENT OF MERCURY AND OF BATTERY PLATES** Min & Sci. Press, vol 78, p 5 $\frac{1}{2}$ column.
- AMALGAMATED COPPER PLATES** Min. & Sci Press, vol 79, p 8, $2\frac{1}{2}$ columns, and p 69, $\frac{1}{2}$ column
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- ACCUMULATION OF AMALGAM ON COPPER PLATES.** Min & Sci. Press, vol 76, p 419 $1\frac{1}{2}$ columns
- GRADE OF PLATES IN STAMP MILLS** Min & Sci Press, vol 88, p 158. $1\frac{1}{2}$ columns
- RAW COPPER PLATES** Min. & Sci. Press, vol 87, p 182 $2\frac{1}{2}$ columns
- THE POSITION OF AMALGAMATING PLATES IN THE STAMP-MILL** Min & Sci Press, vol 93, p 379. $\frac{1}{2}$ column.
- THE USE OF ELECTRO-PLATED COPPER PLATES IN THE BATTERY.** By C W. Cindel P C. M & M. Soc. S A., vol 5, p 92. 5 pages
For further information, see AMALGAMATION.
- ACTION OF SODIUM AMALGAM IN THE PAN.** Am. Jour. Min., vol. 4, p. 56. $1\frac{1}{2}$ columns.
- THE BOSS "CONTINUOUS SYSTEM" OF PAN AMALGAMATION.** E. & M. J., vol. 35, p 86. 1 column. I.
- THE AUSTRIAN GOLD MILL.** Similar to Amalgamating Pan. E. & M. J., vol 14, p 113 $3\frac{1}{2}$ columns. I.
- THE WHEELER PAN.** E & M. J., vol 14, p 417. $\frac{1}{2}$ column. I.
- AMALGAMATION OF SILVER ORES IN PANS, WITH THE AID OF CHEMICALS** E & M J, vol 13, p 257, 3 columns; and p 273, $3\frac{1}{2}$ columns.
- HINTS ON THE WASHOE PROCESS.** Min. & Sci Press, vol. 30, p. 320, 1 column, p 337, 1 column, p 385, 1 column, and p 401, 1 column
- CHEMICALS IN PAN AMALGAMATION.** Min & Sci. Press, vol. 27, pp 266 and 268, $\frac{1}{2}$ column, p 274, $2\frac{1}{2}$ columns, p 290, $1\frac{1}{2}$ columns; and p 306, $1\frac{1}{2}$ columns
- PAUL'S AUTOMATIC MILL (Process of Amalgamation)** Min. & Sci Press, vol 27, p. 72. $1\frac{1}{2}$ columns.
- CHEMISTRY OF THE WASHOE PROCESS.** Min & Sci. Press, vol. 23, p. 248. $1\frac{1}{2}$ columns.
- PAN AMALGAMATION AGAIN.** Min. & Sci Press, vol. 26, p 16. $1\frac{1}{2}$ columns.
- THE MECHANICS OF PAN AMALGAMATION** Min & Sci Press, vol. 34, p 362. $\frac{1}{2}$ column.
- A SQUARE AMALGAMATING PAN.** Min. & Sci Press, vol. 47, p. 81. $\frac{1}{2}$ column.
- RUNNING GEAR OF AMALGAMATING PANS.** Min & Sci. Press, vol. 47, p. 168. $\frac{1}{2}$ column.
- VARNEY'S AMALGAMATING PAN.** Min. & Sci. Press, vol. 19, p. 277. 1 column.
- THE NEW HEPBURN PAN.** Am. Jour. Min , vol 7, p. 387. $\frac{1}{2}$ column.
- SILVER SHOES AND DIES (for Amalgamating Pans).** Min. & Sci. Press, vol. 46, p 401. 1 column. I.

Pan Amalgamation

- PAN VS. TINA AMALGAMATION** By P. Blanca E. & M. J., vol. 60, p. 586. $1\frac{1}{2}$ columns.

- DISCHARGE FOR AMALGAMATING PANS.** Min. & Sci. Press, vol. 43, p. 231. $\frac{1}{2}$ column. I.
- THE BOSS AMALGAMATING PAN.** Min. & Sci. Press, vol. 56, p. 121. $\frac{1}{2}$ column. I.
- SODERLING'S AMALGAMATING PAN.** Min & Sci. Press, vol 56, p 149; also p. 153, 3 columns I.
- PAN AMALGAMATION.** Min. & Sci. Press, vol. 59, p. 201, 2 columns; p. 208, $\frac{1}{2}$ column.
- STANDARD PANS AND SETTLERS.** Min. & Sci Press, vol 59, pp. 297, 304. 1 column.
- BUTLER'S AMALGAMATING PAN** Min. & Sci Press, vol 63, p. 285 $\frac{1}{2}$ column.
- QUICKSILVER IN PAN AMALGAMATION.** By W. J. Adams Min & Sci Press, vol 89, p. 306, 1 column + ; p 322, $1\frac{1}{2}$ columns, p. 341, $1\frac{1}{2}$ columns
- EFFECT OF SALT AND BLUESTONE ON MERCURY IN PAN AMALGAMATION.** By A E Drucker Min & Sci. Press, vol 90, p 320. $1\frac{1}{2}$ columns.
- PAN AMALGAMATION AT ROSARIO, MEXICO** By A E Drucker Min. & Sci Press, vol 88, p 397, 2 columns, p 414, 1 column; and p 428, $1\frac{1}{2}$ columns. I.
- THE REESE RIVER PROCESS Dry Crushing, Roasting and Amalgamation.** E & M. J., vol. 11, p. 25 $5\frac{1}{2}$ columns
- THEORIES OF PAN AMALGAMATION.** Min & Sci Press, vol 74, p 344. 1 column
- TREATING CONCENTRATES BY PAN AMALGAMATION AT THE MINAS DEL TAJO, MEXICO** By A. E Drucker. Min & Sci. Press, vol 90, p 238. 4 columns. I.
- PAN AMALGAMATION** By H. W. Bangle. Min & Sci Press, vol. 94, p 826. 6 columns.
- AMALGAMATION AND OTHER WET PROCESSES FOR SILVER ORES IN MEXICO.** By H F Collins T. I. M. & M., vol. 13, p. 111. 35 pages.
- ORIGIN OF THE WASHOE PAN PROCESS.** Min. & Sci. Press, vol. 18, p. 178, $\frac{1}{2}$ column, p. 194, 1 column; p. 201, $\frac{3}{4}$ column, p. 210, $\frac{3}{4}$ column; and p. 290, $\frac{1}{2}$ column.
- Rockers, Sluices, Riffles, etc.**
- REWASHING THE GOLD-BEARING DEBRIS FROM OUR MINES** Min. & Sci Press, vol 38, p 337 $2\frac{1}{2}$ columns.
- SLUICE-BOXES AND SIDE-RUNS IN THE ALLUVIAL MINES OF OTAGO.** T A. I M E, vol 21, p. 456.
- HOBSON'S STEEL SLUICE RIFFLE.** E & M J, vol 69, p 561 1 column. I.
- PLACER SLUICE RIFFLES** By D H. Stovall M & M, Dec , 1904, p 247.
- EVANS AMALGAMATING RIFFLES** Min. & Sci Press, vol 40, p 33. $2\frac{1}{2}$ columns I
- NEW AMALGAMATING APPARATUS** Min & Sci Press, vol 42, p 93 $\frac{1}{2}$ column
- SLUICE BOXES** Min & Sci. Press, vol 44, p 385 $\frac{1}{2}$ column
- LAY'S VIBRATING QUICKSILVER CRADLE (for Working Placer Ground)** Min & Sci Press, vol .65, p 393. 3 columns I
- SAVING FLOURED QUICKSILVER (in Bed of the Carson River)** Min & Sci Press, vol 54, p 89, $1\frac{1}{2}$ columns; and p 154, 1 column
- SAVING FINE GOLD IN SLUICES** Min. & Sci Press, vol 78, p 346 $\frac{3}{4}$ column.
- THE "HULA HULA" ROCKER** Min & Sci Press, vol 80, p. 464 $\frac{1}{2}$ column I
- THE ROBINSON RIFFLE** Details of Construction Min & Sci Press, vol 66, p 115, $\frac{1}{2}$ column, I ; and p. 161, 1 column, I
See AMALGAMATING APPARATUS and AMALGAMATORS.
- Amalgamating Apparatus (Amalgamators)**
- ELECTRIC POWER APPLIED TO THE BENNETT AMALGAMATOR** E & M. J., vol. 60, p. 585. $\frac{1}{2}$ column. I.

- THE COOK AMALGAMATOR.** E. & M. J., vol. 49, p. 708. $\frac{1}{2}$ column. I.
- JORDAN'S AMALGAMATOR.** E. & M. J., vol. 54, p. 299. $\frac{1}{2}$ column. I.
- MUDIE'S AMALGAMATOR.** E. & M. J., vol. 54, p. 415. $\frac{1}{2}$ column. I.
- IMPROVED CONCENTRATOR AND AMALGAMATOR.** Am Jour. Min., vol. 7, p. 17. 1 column I
- THE NEW HEPBURN PAN.** Am Jour. Min., vol. 7, p. 387, $\frac{3}{4}$ column; and vol. 4, p. 209, $\frac{1}{2}$ column. I
- MORRIS SETTLER AND AMALGAMATOR.** Min & Sci. Press, vol. 28, p. 97. $1\frac{1}{2}$ columns. I.
- RAE'S SYSTEM OF AMALGAMATION.** Min. & Sci Press, vol. 30, p. 329, 3 columns, and p. 337. I
- AN IMPROVED DRY AMALGAMATOR** Min & Sci. Press, vol. 31, p. 337. $\frac{1}{2}$ column
- BRAID'S ORE CRUSHER AND AMALGAMATOR** Min & Sci Press, vol. 32, p. 361, $\frac{3}{4}$ column, I; and vol. 33, p. 65, $1\frac{1}{2}$ columns, I
- AN IMPROVED DRY AMALGAMATOR.** Min & Sci. Press, vol. 31, p. 337. $\frac{1}{2}$ column
- RICKARD AND PAUL'S SLUM AMALGAMATOR** Min & Sci Press, vol. 19, p. 225 3 columns I
- MICHEL'S AMALGAMATOR.** Min. & Sci. Press, vol. 38, p. 193. 2 columns I
- THE REMFREY SEPARATOR.** Min & Sci Press, vol. 23, p. 9. $\frac{3}{4}$ column.
- JOHNSON'S PATENT BATEA-SEPARATOR AND AMALGAMATOR** Min & Sci. Press, vol. 18, p. 209 2 columns I
- THE FORSTER-FIRMIN AMALGAMATOR.** Min & Sci Press, vol. 36, p. 129, 2 columns; and p. 137, I
- THE RUSSEL PATENT AMALGAMATOR AND GOLD SAVER.** Min & Sci. Press, vol. 37, p. 97 $1\frac{1}{2}$ columns. I
- THE ELKINS AMALGAMATOR.** Min. & Sci. Press, vol. 38, p. 345. 1 column I
- EVANS AMALGAMATOR AND CONCENTRATOR.** Min. & Sci. Press, vol. 39, p. 73. 1 column.
- HYDROGEN AMALGAMATORS.** Min & Sci. Press, vol. 58, p. 373. $1\frac{1}{2}$ columns.
- AN ANCIENT AMALGAMATOR** Min & Sci Press, vol. 62, p. 248, 3 columns, I; p. 241, I.
- STAHL-REU AMALGAMATOR** Min & Sci. Press, vol. 63, p. 369 $2\frac{1}{2}$ columns. I.
- THE BUCYRUS AMALGAMATOR.** Min. & Sci. Press, vol. 65, p. 25 $2\frac{1}{2}$ columns. I.
- BENNETT AMALGAMATOR** Min. & Sci. Press, vol. 71, p. 392. $\frac{3}{4}$ column. I.
- A NEW AMALGAMATOR.** Min & Sci. Press, vol. 73, p. 105. $1\frac{1}{2}$ columns. I.
- DICKSON'S AMALGAMATOR.** Min & Sci. Press, vol. 42, p. 365. $\frac{1}{2}$ column. I.
- A CENTRIFUGAL AMALGAMATOR** Min. & Sci. Press, vol. 43, p. 197. $\frac{1}{2}$ column I
- KUSTEL AND HOFFMAN'S AMALGAMATOR** Min & Sci Press, vol. 35, p. 145 1 column.
- STEVENOT'S FREE GOLD AMALGAMATOR.** Min & Sci Press, vol. 38, p. 153. $\frac{3}{4}$ column
- HUNTINGTON AND KOCH AMALGAMATOR** Min & Sci Press, vol. 51, p. 325 2 columns I
- THE BENNETT AMALGAMATOR.** Min. & Sci Press, vol. 76, p. 81. $2\frac{1}{2}$ columns I
- See PAN AMALGAMATION for further information on AMALGAMATORS.

The Patio Process of Amalgamation

- THE PATIO PROCESS IN SAN DIMAS, MEXICO** By R E Chism. T. A. I. M E., vol. 11, p. 61.
- A STUDY OF AMALGAMATION METHODS, ESPECIALLY THE PATIO PROCESS, WITH THE OBJECT OF AVOIDING THE LOSS OF MERCURY.** By Miguel Bustamante, Jr. T. A. I. M. E., vol. 32, p. 484.

THE PATIO PROCESS IN GUANAJUATO, MEXICO. By Roberto Fernandez. T. A. I. M. E., vol. 29, p. 116.

DIAGRAMMATIC SCHEME OF PATIO PROCESS. T. A. I. M. E., vol. 11, p. 76. I.

NOTES ON THE PATIO PROCESS. By C. A. Stetefeldt. T. A. I. M. E., vol. 13, p. 369.

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- NEW METHOD OF SEPARATING GOLD FROM IMPURE AMALGAM.** Min. & Sci. Press, vol. 68, p. 40. $\frac{3}{4}$ column.
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- THE QUICKSILVER WORKS OF CALIFORNIA** Min. & Sci. Press, vol. 37, p. 88. 2 columns.
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- THE "FLOURING" AND "SICKENING" OF MERCURY** By T. A. Rickard E & M. J., vol. 59, p. 460. $1\frac{1}{2}$ columns.
- THE TREATMENT OF AMALGAM IN THE TRANSVAAL** E. & M. J., vol. 66, p. 578. $\frac{3}{4}$ column.

Amalgam Retorts and Other Apparatus

- A LABORATORY AMALGAMATING DEVICE.** By H H. Guess. Min. & Sci. Press, vol. 83, p. 130. $1\frac{1}{2}$ columns I
- RETORTING GOLD AMALGAM** Min. & Sci. Press, vol. 53, p. 361 $\frac{1}{2}$ column. I.
- AMALGAM STRAINERS.** Min & Sci. Press, vol. 61, p. 49 2 columns. I.
- QUICKSILVER CONDENSER AND FLUES.** Min & Sci. Press, vol. 59, p. 89, 3 columns, I.; p. 109, 2 columns, I.
- COARSE ORE QUICKSILVER FURNACE.** Min & Sci Press, vol. 62, p. 233. 1 column I
- IMPROVED AMALGAM TRAP.** Min. & Sci. Press, vol. 67, p. 177. $\frac{1}{2}$ column.
- SHAKING AMALGAMATING PLATES.** E. & M J., vol. 80, p. 265. $\frac{3}{4}$ column.
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RETORTING SILVER AMALGAM IN VACUO Min & Sci. Press, vol. 49, p. 229. $3\frac{1}{2}$ columns. I.**AMALGAM RETORT AND CONDENSER.** Min & Sci. Press, vol. 48, p. 209. $\frac{1}{2}$ column. I.**BAKER'S QUICKSILVER FEEDING MACHINE** Min & Sci. Press, vol. 51, p. 385 $\frac{1}{2}$ column I**DU BOIS' AUTOMATIC QUICKSILVER FEEDER FOR GOLD MILLS** Min & Sci Press, vol 42, p 349. 1 column. I.**IMPROVED PROCESS FOR ELEVATING QUICKSILVER IN QUARTZ MILLS.** Min & Sci Press, vol 25, p. 81. $\frac{1}{2}$ column I.**ELEVATION OF QUICKSILVER IN MILLS TO AVOID HANDLING AND SCATTERING** Min. & Sci Press, vol 25, p. 169 3 columns I**AN IMPROVED QUICKSILVER STRAINER.** Min & Sci. Press, vol. 30, p. 145. 2 columns I**AMALGAMATING MACHINERY OF THE FRYER PROCESS** Min & Sci Press, vol. 32, p 289. $2\frac{1}{2}$ columns I.**PAUL'S PATENT AMALGAM SAFE AND MERCURY DISCHARGER** Min & Sci. Press, vol. 32, p 337 $\frac{1}{2}$ column I.**MACKAY'S AMALGAM PRESS** E & M. J., vol 71, p 83 $1\frac{1}{2}$ columns. I.**AMALGAMATION TABLE TREATMENT: Liquid for Cleaning Tables, etc , El Callao Mill, Venezuela.** T. I. M. & M., vol 9, p 110.**TESTING GOLD ORES FOR TREATMENT BY CONCENTRATION AND AMALGAMATION TO DETERMINE THE BEST METHOD.** By H. Van F. Furman M. & M., vol. 19, p 481 6 columns I.**NOTES ON A LABORATORY AMALGAMATING DEVICE AND COMPARISONS WITH ACTUAL MILL RESULTS.** By H. H. Guess. J. C. M. I., vol. 1, p. 10. 5 pages. I.**Electrostatic Separation****THE BLAKE-MORSCHER ELECTRICAL ORE SEPARATOR.** By A. M. Plumb. Min Mag, vol 11, p. 515. 10 columns I**ELECTROSTATIC SEPARATION.** E. & M. J., vol 80, p 505. $1\frac{1}{2}$ columns. I.**THE SUTTON-STEELE ELECTROSTATIC MAGNETIC SEPARATOR** E. & M. J., vol. 80, p 253 1 column I.**STATIC ELECTRICITY IN ORE DRESSING** By W G Swart E. & M J, vol. 80, p. 351. $1\frac{1}{2}$ columns. I**ELECTROSTATIC APPARATUS** E. & M J, vol. 80, p 218. $\frac{1}{2}$ column I.**STATIC ELECTRICITY APPLIED TO ORE-DRESSING** By W G Swart E & M J, vol 75, p 146 $2\frac{1}{2}$ columns I**ELECTROSTATIC CONCENTRATION** By L I. Blake E & M J, vol. 79, p. 1036. 6 columns. I.**ELECTROSTATIC SEPARATION** Rept. Zinc Comm., Canada, p 118 $3\frac{1}{2}$ pages I**THE BLAKE-MORSCHER ELECTROSTATIC SEPARATOR** By E A Weinberg T I M & M., vol. 14, p 169. $17\frac{1}{2}$ pages I.**ELECTROSTATIC SEPARATION** By J M. McClave M & M., vol. 27, p. 514. 1 column**Magnetic Separation****THE MAGNETIC PROPERTIES OF IRON AND STEEL AT LIQUID AIR TEMPERATURES** By C C Trowbridge. Sch. Mines Quart., vol 24, p 172 . 12 columns I.**INVESTIGATIONS OF MAGNETIC FIELDS, WITH REFERENCE TO ORE-CONCENTRATION** By W R Crane T. A. I M E, vol 31, p 405 I.**MAGNETIC PROPERTIES OF MINERALS.** E & M J, vol. 55, p 322**OBSERVATIONS ON MAGNETISM.** E & M. J., vol. 78, p. 863 $1\frac{1}{2}$ columns**THE ELECTRICAL AND MAGNETIC PROPERTIES OF THE IRON CARBURETS.** By Carl Barus. Sch. Mines Quart., vol. 7, p. 24. 10 pages.

- DETERMINATION OF THE SPECIFIC ELECTRICAL RESISTANCE OF COAL, ORES, ETC.** By G. C Wood. T. I. M. E., vol. 30, p. 99. 11½ pages.
- AN EXPERIMENTAL DETERMINATION OF AIR-GAP RELUCTANCE** By C. H. Smoot J. W. Soc. E., vol. 10, p. 500 12 pages. I.
- THE MAGNETIC SEPARATING MACHINE AT PRIBRAM** E & M. J., vol. 32, p. 237. 1 column. I.
- THE CHASE MAGNETIC ORE-SEPARATOR** By H S Chase T. A. I. M. E., vol 21, p 503.
- MAGNETIC SEPARATORS.** Engineering, London, vol 73, p. 608, ¾ column; vol. 69, p 121, ½ column, I., vol. 68, p 470, 9 columns, I ; p. 508, 5 columns, I
- TYPES OF SUCCESSFUL MAGNETIC CONCENTRATORS.** J. C. M. I., vol. 6, p 20
- THE WENSTROM MAGNETIC SEPARATOR.** By R A Cook. T. A. I. M. E., vol. 17, p. 599.
- A NEW MAGNETIC SEPARATOR.** E. & M J., vol. 67, p. 503. ¾ column. I.
- THE BALL-NORTON ELECTRO-MAGNETIC SEPARATOR** By C M. Ball. T. A. I M E, vol. 19, p 187.
- THE WETHERILL MAGNETIC SEPARATOR** T A. I M. E., vol. 26, pp 357, 358, 359.
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- THE SNYDER MAGNETIC SEPARATOR.** By F. T. Snyder. E & M. J., vol. 80, p. 396. 5 columns. I.
- THE IMPERIAL MAGNETIC ORE SEPARATOR** E. & M. J., vol. 80, p. 457. 1½ columns. I.
- THE EDISON MAGNETIC SEPARATOR.** E. & M. J., vol. 46, p. 481. 1 column I.
- MAGNETIC CONCENTRATION OF ZINC ORE IN VIRGINIA.** E. & M. J., vol. 77, p. 1001. 8 columns. I.
- THE ODLING MAGNETIC SEPARATOR.** E. & M. J., vol. 78, p. 904. 1½ columns. I
- THE BALL & NORTON MAGNETIC SEPARATOR.** E & M J., vol. 81, p. 75. 3 columns I
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- THE DINGS MAGNETIC SEPARATOR.** E & M J, vol 81, p. 749. 3 columns I
- EDISON'S MAGNETIC ORE SEPARATOR** Min & Sci. Press, vol. 42, p. 29. 2 columns. I.
- ELECTRO-MAGNETIC SEPARATORS:** Knowles Magnetic Separator By W R Crane M. & M, Dec., 1904, p. 224.
- THE WENSTROM MAGNETIC ORE-SEPARATOR.** Min & Sci Press, vol. 59, p. 335 4 columns I
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- BALL & NORTON SINGLE DRUM MAGNETIC SEPARATOR** E. & M J, vol. 81, p. 1082 I
- THE WETHERILL TYPE "F" (ROWAND) SEPARATOR.** E. & M. J, vol. 81, p. 1084. I
- A MAGNETIC SEPARATOR** By W. R. Crane. Min & Sci Press, vol 88, p 300. 3½ columns. I
- MAGNETIC SEPARATORS: Ten Forms, with Names of Companies and Addresses.** Rept. Zinc Comm., Canada, p. 102 16 pages I.
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- THE FERRARIS MAGNETIC SEPARATOR.** E & M. J., vol. 82, p. 1129. 1½ columns. I.

- MAGNETIC CONCENTRATION AT TILLY FOSTER.** By F H McDowell T. A. I. M. E., vol 21, p. 519
- PRACTICAL RESULTS IN THE MAGNETIC CONCENTRATION OF IRON-ORE** By W H. Hoffman. T. A. I. M. E., vol. 20, p. 602.
- THE MAGNETIC CONCENTRATION OF IRON-ORE** T. A. I. M. E., vol. 20, p 575
- MAGNETIC SEPARATION.** Sch. Mines Quart., vol 21, p 239. 4 pages I.
- NOTE ON THE MAGNETIC SEPARATION OF IRON-ORE AT THE SANFORD ORE-BED, MARIAH, ESSEX COUNTY, N. Y., IN 1852.** By W P Blake. T. A. I. M. E., vol 21, p 378.
- MAGNETIC SEPARATION IN SWEDEN.** E. & M J, vol 64, p. 696.
- ON THE TREATMENT OF NEW ZEALAND MAGNETIC IRON SANDS.** By E M. Smith E & M. J., vol. 61, p 566. 1½ columns.
- THE WETHERILL SYSTEM OF MAGNETIC CONCENTRATION** E & M J, vol. 61, p. 564. 2 columns. I.
- NORTH CAROLINA IRON ORES AND MAGNETIC CONCENTRATION** By W. B. Phillips. E. & M. J., vol. 57, p. 490. 1½ columns
- RECENT PRACTICE IN MAGNETIC SEPARATION IN SWEDEN** By H C. McNeill. E. & M J, vol 68, pp. 608, 4 columns; and p 640, I.
- MAGNETIC SEPARATOR AT THE PIERRE-FITTE MILL, FRANCE** T. I. M & M, vol. 10, p 460. I.
- MAGNETIC ORE SEPARATION AT EDISON, N. J** Engineering, London vol. 64, p. 579 10 columns. I
- PROGRESS IN MAGNETIC CONCENTRATION OF IRON ORE.** By J W Wells J C. M I, vol. 6, p. 6. 14 pages. I.
- THE EXTRACTION OF MAGNETIC PARTICLES FROM AURIFEROUS AND OTHER ORES.** By W. B Bassett T. F I M. E., vol 4, p 53. 6 pages.
- MAGNETIC TREATMENT IN SAXONY** Sch. Mines Quart., vol. 15, p. 124. 2 pages: I.
- THE WARING SYSTEM OF MAGNETIC CONCENTRATION.** E & M J., vol. 72, p. 328. 3½ columns. I.
- PROGRESS IN MAGNETIC CONCENTRATION OF IRON-ORE** By J. Birkinbine. T. A. I. M. E., vol. 19, p. 656.
- SOME APPLICATIONS OF THE WETHERILL PROCESS OF MAGNETIC SEPARATION.** By W. R. Ingalls E. & M. J., vol. 71, p. 399 2½ columns I.
- ORE-DRESSING BY ELECTRICITY AT THE TILLY FOSTER MINE** By F H. McDowell T A I. M. E., vol. 19, p 71.
- MAGNETIC-CONCENTRATION AT THE MICHIGAMME IRON-MINE, LAKE SUPERIOR** By J C Towle. T A. I. M. E, vol 19, p 62.
- NOTES ON MAGNETIZATION AND CONCENTRATION OF IRON-ORE** By W B Phillips. T. A. I. M. E., vol. 25, p 399
- THE MAGNETIC SEPARATION OF IRON-ORE** By C M Ball. T. A. I. M. E, vol 25, p. 533
- SOUTHERN MAGNETITES AND MAGNETIC SEPARATION** By H S Chase. T A I M E, vol 25, pp 551 and 1015
- THE MAGNETIC SEPARATION OF NON-MAGNETIC MATERIAL** By H A J Wilkens and H B C Nitze T. A. I. M. E., vol. 26, pp. 351 and 1089
- ELECTRO-MAGNETIC GOLD EXTRACTION PROCESS.** Min & Sci Press, vol. 85, p. 142.
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- NOTES ON THE MAGNETIC SEPARATION OF ZINC-IRON SULPHIDES: With Observations on Preparatory Wet Concentration** By Guy H Elmore Mining Reporter, Denver, Dec. 18, 1903.

- THE MECHERNICH SYSTEM OF MAGNETIC CONCENTRATION E. & M. J., vol. 74, p. 581 $\frac{1}{2}$ column.
- MAGNETIC SEPARATION OF ZINC BLENDE AT DENVER, COLO E. & M. J., vol. 74, p. 217. $\frac{1}{4}$ column
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- MAGNETIC SEPARATION OF TIN AND WOLFRAM AT GUNNISLAKE CLITTERS. By E Skewes E & M J, vol 76, p 424 $1\frac{1}{4}$ columns
- CONCENTRATION OF MAGNETIC IRON ORE AT WELDON, N J By A. Sohlin E & M. J, vol 52, p. 588. 1 column I
- MAGNETIC SEPARATION OF IRON ORES AT NASSAU, GERMANY. E & M J, vol 54, p 437. I
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Hand Tests on Mineral

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- THE "CROWN" DRY CONCENTRATING SYSTEM** E & M. J, vol 71, p. 694 $1\frac{1}{2}$ columns. I.
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- THE FREID GRAVITY DRY-PROCESS SEPARATOR.** By D. Mclean. E. & M. J., vol. 76, p. 970. 2 columns. I.
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- THE CACTUS MILL AT NEWHOUSE, UTAH.** A Modern Concentrating Plant of 1000 Tons Daily Capacity By L. A. Palmer M & M., vol. 26, p. 337. 8 columns I.
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- NOTES ON GOLD MILLING** By C H Aaron E & M J, vol 48, p 118, 4½ columns, and p 140, 2½ columns
- MILL PRACTICE ON THE RAND** By G A Denny Min Mag, vol 11, p 401 5 columns I
- ORE MILLING AT KALGOORLIE** By H J Brooke E & M J, vol 80, p 4 4 columns
- GOLD WASHING IN COLOMBIA** By C Bullman E & M J. vol 53, p 374 2 columns I
- CONCENTRATION OF GOLD ORES** Coll. Engr & Met Miner, vol 17, pp. 392, 432, 486, 535
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- AN IMPROVED COLOMBIAN GOLD-MILL. By E Halse. E & M J, vol 71, p 181 $2\frac{1}{2}$ columns I
- GOLD MILLING PRACTICE AT THE ATHABASCA MINE, NESLON, B C. By E N. Fell E & M J, vol 71, p. 518. $2\frac{1}{2}$ columns
- THE UNION GOLD EXTRACTION COMPANY'S MILL AT FLORENCE, COLO. By J E Rothwell E & M J, vol 71, p 721 7 columns I
- THE NEW MILL AT BATOPILAS, STATE OF CHIHUAHUA, MEXICO By J C F Randolph T A I M E, vol 10, p 293
- NOTES ON GOLD-MILL CONSTRUCTION By A J Bowie Jr T A I M E, vol 10, p 87
- THE TONOPAH MINING COMPANY'S MILL By S A Worcester E & M J, vol 80, p 682 4 columns I.
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- THE PALMER MOUNTAIN MILL, WASHINGTON By F F Coleman E & M J, vol 82, p 1080 7 columns I.
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- A WET SILVER MILL, MONTANA By R B. Brinsmade M & M, vol. 26, p 492. $11\frac{1}{2}$ columns I
- SOME NOTES ON THE MILLING OF GOLD ORES. By J. E. Hardman. T F. C. M. I., vol. 2, p. 100. 10 pages.
- GOLD-MILLING. By W F. Wilkinson. T F I M. E, vol 3, p 795. 32 pages. I.
- CURRENT PRACTICE (in Milling) AT CRIPPLE CREEK By G E Wolcott E & M J, vol 78, p 911. $3\frac{1}{2}$ columns.
- MILL STATISTICS, WITH SPECIAL REFERENCE TO THE EXTRACTION OF PRECIOUS METALS E & M J, vol. 36, p. 309 $2\frac{1}{2}$ columns
- THE CENTRAL MILL OF THE NORTH STAR MINES COMPANY By A D Foote Min. & Sci Press, vol 92, p 240 3 columns I
- MILLING VS SMELTING IN THE TREATMENT OF TONOPAH-GOLDFIELD ORE. By F L Bosqui Min & Sci Press, vol 92, p. 217. 2 columns I
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- GOLD AND SILVER EXTRACTION IN SOUTH AMERICA By J. Buchanan. J C & M. Soc. S. A., vol. 1, p. 41. 10 pages.
- MILLING PRACTICE AT THE GRANADENA MILL, MEXICO. By S F. Shaw E & M. J., vol. 84, p. 637. 6½ columns.
- THE STEPTOE VALLEY MILL AND SMELTER. By W. R. Ingalls. E & M J, vol 84, p. 813. 11½ columns. I.
- THE MONTGOMERY-SHOSHONE MILL By P. E Van Saun. M & M, vol. 28, p. 385. 4 columns. I.
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- MILLING AT GLADSTONE, COLO By G. P. Scholl. M. & M., vol. 27, p. 498. 3 columns. I.
- SCHEME OF CONCENTRATION IN USE ON THE RAND. J. C. & M Soc S. A, vol. 4, p. 116, 1 page, and p. 171, 1 page.
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- VARIATIONS IN THE MILLING OF GOLD ORES By T A Rickard E. & M. J., vol. 54, p. 198, 4 columns, I; p. 222, 2 columns, I, p. 245; p. 534, 3½ columns; p. 558, 4 columns; vol 55, p. 78, 3 columns; p. 101, 3½ columns, p. 222, 2 columns; p. 247, 2½ columns, p. 389, 3½ columns; p. 416, 2 columns; p. 534, 3½ columns, p. 560, 2 columns; vol. 56, p. 317, 3½ columns.
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- A MODERN COARSE CONCENTRATION PLANT FOR SILVER-LEAD ORE. By E R. Woakes T. I M & M., vol. 12, p. 140. 14½ pages. I.
- CONCENTRATION AT MOWRY, ARIZONA. M & M, vol. 27, p. 530. 1½ columns I.
- MILLING LEAD-ORE IN THE WISCONSIN-IOWA-ILLINOIS REGION E & M. J, vol 82, p. 60. 1 column I
- ORE MILLING IN WISCONSIN E. & M J., vol. 82, p. 152 8 columns I
- CONCENTRATION OF SILVER-LEAD ORES. By V. F S. Low. E & M J., vol 82, p. 349. 4½ columns
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- SYSTEMS OF CONCENTRATION EMPLOYED IN THE GALENA PORTION OF THE JOPLIN REGION.** Univ. Geol. Surv. of Kans., vol. 8, p. 328. 3 pages.
- MINING AND MILLING AT FREDERICKTOWN, MO.** By R. B. Brinsmade. M. & M., vol. 27, p. 149. 5 columns. I.
- CONCENTRATION PRACTICE IN SOUTHEAST MISSOURI.** A Description of the Plants of the St. Joe, the Central, and the National Concentrating Mills. By R. B. Brinsmade. M. & M., Jan., 1902, p. 241. 8½ columns. I.
- THE NEW DRESSING-WORKS OF THE ST JOSEPH LEAD COMPANY, AT BONNE TERRE, MO** By H S. Munroe. T. A. I. M. E., vol. 17, p. 659.
- SOME POINTS IN THE TREATMENT OF LEAD ORES IN MISSOURI** By C. P. Williams. T. A. I. M. E., vol. 5, p. 314.
- CONCENTRATION OF ARGENTIFEROUS GALENA AS CARRIED ON AT HELENA, FRISCO CONCENTRATING COMPANY'S MILLS, GEM, IDAHO** By W. Muir. J C M. I., vol. 4, p. 254 10 pages.
- NEW BUNKER HILL AND SULLIVAN MILL Built in Four Months** M & M, vol 20, p 343 1½ columns
- ST MARY'S LEAD WORKS, CORNWALL, ENGLAND.** By W. R. Lewis E & M J, vol 74, p. 216. 2 columns I.
- THE PIERREFITTE CONCENTRATING MILL, FRANCE.** By M. S. Slutchbury T. I. M. & M., vol. 10, p. 457. 6 pages. I.
- THE BAMBERGER-DELAMAR MINE, NEVADA.** E & M. J., vol. 77, p. 725. 1½ columns.
- THE MILL OF THE NORTH STAR GOLD MINE, GRASS VALLEY, CAL.** E. & M J, vol. 43, p. 400. 1 column I.
- THE MINES AND WORKS OF THE LEHIGH ZINC COMPANY** E. & M J., vol 12, p. 129, 3 columns; and p. 145, 3½ columns.
- THE CONCENTRATION MILL AT THE O'NEIL MINES, GALENA, KANS** E. & M. J, vol. 35, p 346. 2 columns. I.
- ORE DRESSING: The Methods and Apparatus Employed at the Zinc Mines of Southwest Missouri.** By H. K. Landis. Coll. Engr. & Met. Miner, vol. 17, p. 309. 5 columns. I
- ZINC MINING: A Description of the Methods of Mining and Dressing Zinc Ores** By H K Landis Coll. Engr. & Met Miner, vol. 17, p. 62. 5½ columns. I.
- THE DRESSING OF ZINC-BLENDE ORES AND MAGNETITE AT THE NEW PIERREFITTE MINES, FRANCE.** By H. L. Lawrence. T. I. M. & M., vol 2, p. 92.
- DEVELOPMENT OF COARSE CONCENTRATION IN THE SLOCAN DISTRICT, B C.** By S S Flower. J. C. M. I., vol 6, p 146 14 pages.
- CONCENTRATING IN THE WESTERN KENTUCKY DISTRICT** The Problem of Separating Fluorspar from Lead and Zinc Ores M. & M., vol. 26, p. 172. 2 columns.
- RECENT CHANGES IN MINING AND MILLING IN THE GALENA-JOPLIN LEAD AND ZINC DISTRICT.** By W. R. Crane E. & M. J., vol. 74, p. 405. 6 columns.
- MILLING IN SOUTHWEST WISCONSIN:** Flow sheet and Plan of Mill. By G. S. Brooks E & M. J., vol. 81, p. 1140 8 columns. I.
- CONCENTRATION AND SEPARATION OF ZINC-LEAD ORES, BRECKENRIDGE, COLO.** By D. H. Lawrence. Min & Sci Press, vol 91, p. 365 1 column
- THE MINERAL POINT ZINC WORKS, WISCONSIN.** E & M J, vol. 82, p. 388. 6½ columns. I
- MINING AND MILLING AT PLATTEVILLE, WIS.** E & M. J., vol. 82, p. 541. 5½ columns.
- THE ENTERPRISE MINE, PLATTEVILLE, WIS** E & M. J., vol. 82, p. 445. 3½ columns.
- MILLING "SHEET GROUND" ORE IN JOPLIN DISTRICT.** By Doss Brittain E & M J, vol. 84, p. 59. 14 columns. I.

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- THE CALAMINE DRESSING WORKS AT MONTEPONI. By E. Ferraris. E. & M. J., vol. 83, p. 1094. 1 column. I.
- MILLING THE VIRGINIA ZINC-ORES. T. A. I. M. E., vol. 37, p. 307. 5 pages.
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- THE PRESENT STATUS OF THE SEPARATION OF ZINC BLENDE IN COPPER AND LEAD ORES By R. C. Canby. Min. Mag., vol. 13, p. 476. 8 columns.
- THE SEPARATION OF BLENDE FROM PYRITES. A New Metallurgical Industry By W. P. Blake T. A. I. M. E., vol. 22, pp. 569 and 723.
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- THE REMOVAL OF IRON FROM ZINC BLENDE By W. B. Phillips E. & M. J., vol. 72, p. 710, 3 columns; and p. 857, 1½ columns.
- THE BALTIC MILL, LAKE SUPERIOR. By E. D. McDermott T. I. M. & M., vol. 14, p. 186. 9 pages. I.
- THE TREATMENT OF TIN-WOLFRAM-COPPER ORES AT THE CLITTERS UNITED MINES. By F. Dietzsch. T. I. M. & M., vol. 15, p. 2. 60 pages. I.
- CONCENTRATION AND SMELTING AS APPLIED TO THE TREATMENT OF LOW-GRADE Gold-COPPER ORES AT SANTA FE, MEXICO. By H. F. Collins. T. I. M. & M., vol. 12, p. 58. 56 pages.
- MINING AND TREATMENT OF COPPER-ORE AT THE WALLAROO AND MOONTA MINES, SOUTH AUSTRALIA. By H. L. Hancock. T. I. M. E., vol. 27, p. 461. 24 pages. I.
- CONCENTRATION AT CANANEA, MEXICO M. & M., vol. 27, p. 465. 4½ columns. I.
- THE WASHOE PLANT OF THE ANACONDA COPPER-MINING COMPANY IN 1905 By L. S. Austin. T. A. I. M. E., vol. 37, p. 431. 56 pages. I.
- CONCENTRATION AT THE WASHOE PLANT, ANACONDA, MONT T. A. I. M. E., vol. 37, p. 440. 3 pages.
- THE TREATMENT OF COPPER ROCK AT THE QUINCY MILLS, HUBBELL, MICH By C. K. Hitchcock, Jr. Sch. Mines Quart., vol. 26, p. 340. 5 pages. I.
- THE GARFIELD MILL OF THE UTAH COPPER COMPANY By L. H. Beason Min. & Sci. Press, vol. 94, p. 474. 1½ columns. I.
- PRACTICE AT THE OSCEOLA MILL, LAKE SUPERIOR. By L. Fraser. E. & M. J., vol. 83, p. 1180. 4 columns. I.
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- AN OUTLINE OF THE GOLD FIELDS IN COLOMBIA, SOUTH AMERICA By F C Nicholas E & M J, vol 65, p 520. 2 $\frac{1}{2}$ columns.
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- THE MANGANESE-DEPOSITS OF THE DEPARTMENT OF PANAMA, REPUBLIC OF COLOMBIA. By E. J. Chibas. T. A. I. M. E.. vol. 27, p. 63.
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- ASPHALT MINES IN COLOMBIA. E & M. J., vol. 77, p 607. $\frac{1}{2}$ column.
- NOTE ON LIMONITE PSEUDOMORPHS FROM DUTCH GUIANA By R W Raymond. T. A. I M. E, vol. 28, p. 235.
- NOTE ON THE OCCURRENCE OF MERCURY AT QUINDIÚ, TOLIMA, UNITED STATES OF COLOMBIA By E. Halse T F. I M E, vol. 6, p 59 8 pages. I
- COAL IN COLOMBIA E & M J, vol 60, p 609 1 column
- MINING IN COLOMBIA By H G Granger E & M J, vol 82, p 194 4 $\frac{1}{2}$ columns I
- MINERAL RESOURCES OF CAUCA OF COLOMBIA. E & M J, vol 61, p 179 1 column
- CHOCO MINING DISTRICT, COLOMBIA E & M J., vol 62, p 3 $\frac{3}{4}$ column.
- NOTES ON THE MINES OF THE FRONTINO AND BOLIVIA COMPANY, COLOMBIA, SOUTH AMERICA By S Cragoe T A I M E, vol 28, p 591
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THE COPPER SULPHATE DEPOSITS AT CAPAQUIRE, CHILE By E Walker E & M. J., vol. 75, p. 710 2½ columns I.

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COAL-FIELDS OF CHILE, SOUTH AMERICA By R Gascoyne T I. M E, vol 15, p. 234, 10 pages; and p. 244, 6 pages.

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THE HSIAN HUA COAL FIELDS, CHINA By N F Drake Min Mag, vol 13, p 295 16 columns I

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- ROSITA AND SILVER CLIFF: The Strange Manner of Occurrence of the Ore**

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- THE MONTEZUMA MINING DISTRICT, COLORADO. By E A Ritter M. & M, vol 28, p 501 7 columns. I.
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- THE STANLEY CONSOLIDATED MINE, COLORADO** By A Lakes Coll Engr & Met Miner, vol 14, p 282, 8 columns, I ; and p 308, 3½ columns, I
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- NOTES ON THE GEOLOGY AND ON SOME OF THE MINES OF ASPEN MOUNTAIN, PITKIN COUNTY, COLORADO.** By C. Heinrich. T A I M E, vol 17, p 156. 50 pages. I.
- THE SILVER MINES OF CALICO, COLORADO** By W Lindgren T A I. M E., vol 15, p 717. 18 pages. I.
- THE LA PLATA MOUNTAINS OF COLORADO** Telluride Veins and the Mancos Contact By A Lakes. M & M, vol 20, p 279. 3½ columns. I
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- ASPEN, THE BOOMING CAMP OF COLORADO** E & M J, vol 39, p 277, 1 column; and p 298, 1½ columns
- THE CRIPPLE-CREEK REGION** Epitome of the United States Geological Survey's Report on the Cripple Creek Mining Region By A Lakes. Coll. Engr & Met Miner, vol 17, p. 105. 10 columns I
- RICO MINING DISTRICT.** A Sketch of the Formation and Peculiar Mode of Occurrence of the Ores of the Region By A. Lakes Coll. Engr. & Met. Miner, vol. 17, p. 359. 4 columns I.
- THE SAN JUAN REGION** A Description of a Rich Mining Field and its Development By A. Lakes Coll. Engr & Met. Miner, vol. 17, p 206. 7 columns I.

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- THE VICTOR MINE, CRIPPLE CREEK, COLORADO.** By H. J. Elder. E. & M. J., vol. 56, p. 193. 1½ columns. I.
- THE 4-MILE PLACER FIELDS OF COLORADO AND WYOMING.** By E. P. Snow. E. & M. J., vol. 60, p. 102. 2 columns. I.
- FORREST HILL PLACER MINES.** By A. Lakes. M. & M., vol. 19, p. 476. 2 columns. I.
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- THE MINING DISTRICT OF PACHUCA, MEXICO** By I. E. Ordóñez E. & M. J., vol. 72, p. 719. 5 columns.

- THE RAYAS AND MELLADO MINES, GUANAJUATO, MEXICO. E. & M. J., vol. 72, p. 714. 1½ columns.
- LA DESCUBRIDORA MINE, CHIHUAHUA, MEXICO. E. & M. J., vol. 72, p. 698. 1 column. I.
- HIDALGO DEL PARRAL, CHIHUAHUA, MEXICO. E. & M. J., vol. 72, p. 456. 2 columns. I.
- THE ESPERANZA MINE, EL ORO, MEXICO. E. & M. J., vol. 74, p. 46. 2 columns.
- THE MINING DISTRICT OF PARRAL, STATE OF CHIHUAHUA, MEXICO. By G A Burr. E. & M. J., vol. 75, p 216. 3 columns. I.
- THE PRIETA MINE OF PARRAL, MEXICO. By L M Terry E & M J, vol. 74, p 738. 4 columns I.
- MINAS NUEVAS, PARRAL, MEXICO. By G A Burr E & M J, vol 75, p 404, 6½ columns, I.; and p. 440, 2½ columns, I.
- THE SANTA EULALIA DISTRICT, MEXICO. E. & M. J., vol. 76, p 158, 7½ columns, I.; p. 350, 5½ columns, I
- GUANAJUATO. By J W. Malcolmson. E. & M J., vol. 80, p. 529. 2½ columns.
- MINING IN MEXICO. E & M. J, vol. 77, p. 21. 6 columns. I.
- THE RAYON DISTRICT, CHIHUAHUA. By T A. T. Brown E & M J, vol 80, p. 1205. ½ column. I.
- LA MINA SANTA FRANCISCA, MEXICO. By E H Cook. Min. Mag, vol. 11, p 425. 12 columns I.
- SOME NOTES ON THE CERRO MERCADO, MEXICO. By O. C. Farrington. E & M. J., vol. 78, p. 345 5 columns I.
- THE DOLORES (GOLD-QUARTZ) MILL. By J Seward. E & M J, vol 79, p. 1132. 1½ columns. I
- THE MULATOS GOLD MINES, STATE OF SONORA, MEXICO. By L Janin, Jr. E. & M. J., vol. 49, p. 131. 3½ columns. I.
- THE OCAMPO DISTRICT, MEXICO. By A. R. Townsend. E. & M. J., vol. 77, p. 515. 5½ columns. Map.
- THE MINES OF SIERRA MOJADA, MEXICO. By E. O. Fechet. E. & M. J, vol. 55, p. 151. 2½ columns.
- THE MINES OF SOMBRESETE, MEXICO E & M. J, vol. 54, p. 604. 1½ columns
- THE MINING DISTRICT OF TASCO, MEXICO By R E Chism E & M J, vol 48, p. 27, 1½ columns; p 51, 1½ columns.
- THE MOCTEZUMA DISTRICT, MEXICO. By M Clere E & M. J, vol. 79, p 1007 7 columns. I.
- THE CATORCE MINING DISTRICT E. & M J, vol 48, p 340, 5 columns; p. 388, 2½ columns, p. 476, 3 columns
- GOLD MINING IN MEXICO Min & Sci. Press, vol 74, p. 30 1½ columns
- MEXICAN SILVER MINES. Min. & Sci. Press, vol 58, p 382 1½ columns
- MINING IN WESTERN CHIHUAHUA By W S Hutchinson E. & M. J, vol. 81, p 418 5½ columns. I.
- TAVICHE, OCOTLAN, OAXACA, MEXICO. Min & Sci Press, vol. 81, p. 544. 3 columns. I.
- A GUANAJUATO, MEXICO, MINING ENTERPRISE Min & Sci. Press, vol 81, p 5 2½ columns.
- NOTES ON THE PARRAL DISTRICT, CHIHUAHUA, MEXICO By H Z Osborne Min. & Sci Press, vol. 86, p 394 3 columns. I.
- SIX MONTHS AT THE CONCEPCION MINE, CATORCE, MEXICO. By W. S Godfrey. E. & M. J, vol. 51, p. 168. 1½ columns.
- HOW MEXICAN SILVER MINES ARE WORKED Am Jour Min., vol. 3, p 102 1 column.
- THE MINES OF MEXICO. Am Jour. Min, vol 3, p 141 1½ columns.
- WORKING SILVER ORES IN PACHUCA, MEXICO Min. & Sci. Press, vol 82, p 180. 1 column.

- GOLD IN ZACATECAS, MEXICO.** By E. Halse. E. & M. J., vol. 58, p. 605. 2½ columns.
- NOTES ON SOME GOLD-BEARING VEINS OF ZACATECAS, MEXICO.** By E. Halse. E. & M. J., vol. 58, p. 78. 1½ columns.
- METHOD OF WORKING MINES OF SANTA EULALIA, MEXICO.** By E. G. Cahill. Min & Sci Press, vol. 88, p. 329, 2 columns, I.; p. 349, 1½ columns.
- NOTES ON NEW GOLDFIELDS, SIERRA COUNTY, NORTH MEXICO.** By E. P. Smith. Min. & Sci Press, vol. 88, p. 61. 2 columns. Map.
- THE MALACATE SILVER AND GOLD MINES OF SULTEPEC, MEXICO.** By E. Halse. E. & M. J., vol. 58, p. 220. 2½ columns.
- SOME SILVER-BEARING VEINS OF MEXICO.** By E. Halse. T. I. M. E., vol. 18, p. 370, 14 pages, I.; vol. 21, p. 198, 16 pages; vol. 23, p. 243, 14 pages; vol. 24, p. 41, 20 pages.
- THE MINES OF SANTA EULALIA, MEXICO.** By P. B. Aiken. Min. & Sci. Press, vol. 87, p. 402. 1½ columns.
- PACHUCA, MEXICO.** By H. E. West. Min & Sci. Press, vol. 92, p. 345. 4½ columns. I.
- THE PINGUICO MINE, GUANAJUATO, MEXICO.** By J. A. Church. E. & M. J., vol. 82, p. 959. 5½ columns.
- THE DOLORES MINES, CHIHUAHUA, MEXICO.** E. & M. J., vol. 82, p. 733. 2½ columns.
- NOTES ON MINING IN OAXACA.** By W. A. Hooker. T. A. I. M. E., vol. 15, p. 13.
- MINES OF THE TAVICHE DISTRICT, OAXACA, MEXICO.** By A. E. Place and H. L. Elton. E. & M. J., vol. 84, p. 625. 3½ columns.
- THE MINES OF THE ALTAR DISTRICT, SONORA, MEXICO.** By J. S. Alexander. E. & M. J., vol. 83, p. 653. 5½ columns. I.
- THE MINES OF PLANCHAS DE PLATA.** By F. J. H. Merrill. E. & M. J., vol. 82, p. 1111. 3½ columns.
- MINING CONDITIONS IN THE MOUNTAINS OF CHIHUAHUA, MEXICO.** By J. B. Farish. E. & M. J., vol. 83, p. 221. 17 columns. I.
- THE DOLORES MINE, CHIHUAHUA, MEXICO.** By J. B. Farish. E. & M. J., vol. 83, p. 849. 2½ columns. I.
- PROANO, A FAMOUS MINE OF FRESNILLO, MEXICO.** By J. A. Church. E. & M. J., vol. 84, p. 53. 9½ columns. I.
- THE MINES OF LA LUZ, GUANAJUATO, MEXICO.** By J. A. Church. E. & M. J., vol. 84, p. 105, 11½ columns; p. 153, 7½ columns.
- OLD AND NEW METHODS AT GUANAJUATO.** By T. A. Rickard. Min & Sci Press, vol. 94, p. 824. 3½ columns. I.
- THE PARRAL DISTRICT, MEXICO.** By F. L. Garrison. Min & Sci Press, vol. 94, p. 373. 2½ columns. I.
- SOME SILVER-BEARING VEINS OF MEXICO.** By E. Halse. T. I. M. E., vol. 27, p. 169. 22 pages. I.
- "LOS REYES" GOLD MINES, SOUTHERN MEXICO.** By A. H. Smith. J. C. M. I., vol. 8, p. 272. 12 pages. I.
- THE SIERRA MOJADA, COAHUILA, MEXICO, AND ITS ORE-DEPOSITS.** By J. W. Malcolmson. T. A. I. M. E., vol. 32, p. 100.
- COPPER DEPOSITS IN SINOLOA AND SOUTHERN SONORA, MEXICO.** By F. Rickard. E. & M. J., vol. 78, p. 97. 7 columns. I.
- LA CANANEA MINING CAMP.** By G. E. Woodbridge. E. & M. J., vol. 82, p. 623. 14 columns. I.
- SANTA CRUZ, A NEW COPPER CAMP IN SONORA.** By F. J. H. Merrill. E. & M. J., vol. 83, p. 1043. 1 column. I.
- THE CANANEA COPPER DEPOSITS.** By R. B. Brinsmade. M. & M., vol. 27, p. 422. 4½ columns. I.

- THE COPPER-DEPOSITS AT SAN JOSE, TAMAULIPAS, MEXICO.** By J. F. Kemp. T A I M E, vol. 36, p. 178 25 pages. I.
- THE TAVICHE MINING DISTRICT NEAR OCOTLAN, STATE OF OAXACA, MEXICO.** T A I M E., vol. 36, p. 798. 2½ pages.
- THE MINES OF CANANEA, MEXICO.** Min & Sci. Press, vol. 90, p 200, 2 columns, I.; p. 220, 3½ columns.
- COPPER MINING AT PLACERITAS DE NOCASARI, SONORA, MEXICO** By H B Layton. Min. & Sci Press, vol. 80, p. 344 8 columns I.
- THE CANANEA ORE DEPOSITS** E & M J, vol 76, p. 383, 1½ columns; p 421, 1½ columns; p 459, 5½ columns, I ; p 1000, 12½ columns.
- THE CANANEA COPPER DEPOSITS, MEXICO** By W H Weed. E & M J., vol 74, p. 744. 5 column I.
- ARIZONA AND SONORA** By D E. Woodbridge E & M J, vol 81, p 896, I ; p 990, I ; p 1134, 4½ columns; p. 1180, 6½ columns, p 1229, 10½ columns; vol 82, p 8, 8½ columns, p 50, 7½ columns, I ; p 103, 9 columns, I ; p 150, 5 columns; p 242, 9 columns, I.; p 298, 9½ columns, I
- THE COPPER MINES OF NOCASARI, MEXICO** E & M J, vol 72, p. 65. 2 columns
- THE COPPER-DEPOSITS AT SAN JOSE, MEXICO.** By J F Kemp T A. I. M. E., vol. 36, p 178 25 pages. I.
- THE CANANEA COPPER DEPOSITS.** By R. B Brinsmade M & M, vol 27, p. 465. 10 columns I
- A NEW COPPER DISTRICT IN MEXICO.** By. E. du B Lukis. E & M. J., vol 65, p 279. 3 columns I
- THE IRON MOUNTAIN AND PLANT OF THE MEXICAN NATIONAL IRON AND STEEL COMPANY, DURANGO, MEXICO** By T. E Witherbee. T. A. I M E., vol. 32, p. 156.
- IRON IN MEXICO.** By R E Chism. E & M. J., vol. 46, p. 391. 2 columns.
- THE CERRO DE MERCADO (IRON MOUNTAIN) AT DURANGO, MEXICO** By J Birkinbine. T. A. I. M E, vol 13, p. 189.
- A COKING COAL IN CHIHUAHUA.** By W B. Phillips. E. & M. J., vol 79, p 661. 4 columns. I.
- LAS ESPERANZAS COAL MINES, MEXICO** By E Ludlow E. & M. J., vol 71, p. 331. 2 columns I.
- THE COAL-FIELDS OF LAS ESPERANZAS, COAHUILA, MEXICO** By E Ludlow. T A I M. E., vol 32, p. 140
- COALS IN MEXICO, SANTA ROSA DISTRICT** By W H. Adams T. A. I. M E., vol 10, p. 270.
- THE COALFIELDS OF MEXICO** E & M J, vol 57, p. 535. ½ column
- THE COAL-FIELDS OF SONORA, MEXICO** By J Overend T F. I M E., vol 7, p. 230. 4 pages
- THE SAZINAS COALFIELD, MEXICO** By E G Tuttle E & M. J., vol 58, p 390 3½ columns. I.
- THE CERRILLOS ANTHRACITE MINES** By A Lakes M. & M, vol. 21, p. 341 1½ columns. I.
- NATURAL COKE OF THE SANTA CLARA COAL-FIELD, SONORA, MEXICO.** By E T. Dumble T. A. I. M E, vol. 29, p. 546.
- NOTES ON THE TIN-DEPOSITS OF MEXICO.** By W R Ingalls. T. A. I M. E, vol. 27, p 428.
- THE TIN-DEPOSITS OF DURANGO, MEXICO** By W R. Ingalls. T. A. I. M. E, vol. 25, pp. 146, 997.
- THE SAIN ALTO TIN DEPOSITS, STATE OF ZACATECAS, MEXICO.** By J. N. Nevins. E & M. J., vol 75, p. 929. 2 columns. I.
- TIN-MINING AND SMELTING AT SANTA BARBARA, GUANAJUATO, MEXICO.** By A H Bromly. T. A. I. M. E., vol 36, p. 227. 7 pages. I.
- THE OCCURRENCE OF TIN-ORE AT SAIN ALTO, ZACATECAS, WITH REFERENCE TO SIMILAR DEPOSITS IN SAN LUIS POTOSI AND DURANGO, MEXICO.** By E Halse. T. A. I. M. E., vol. 29, p. 502.

- THE SAN JACINTO TIN MINES, MEXICO.** Min. & Sci. Press, vol. 39, p. 397. 3½ columns. Map.
- QUICKSILVER ORES IN MEXICO.** Min. & Sci. Press, vol. 57, p. 38. 1 column.
- QUICKSILVER MINING IN THE DISTRICT OF GUADALCAZAR, STATE OF SAN LUIS POTOSI, MEXICO.** By H. F. Collins. T. I. M. & M., vol. 4, p. 121.
- THE QUICKSILVER MINES AND REDUCTION-WORKS AT HUITZUCO, GUERRERO, MEXICO.** By E. Halse. T. F. I. M. E., vol. 10, p. 72. 16 pages. I.
- MINING AND TREATMENT OF QUICKSILVER ORES AT GUADALCAZAR, MEXICO.** By W. H. Rundall. E. & M. J., vol. 59, p. 607. 2½ columns. I.
- THE QUICKSILVER DEPOSITS OF HUITZUCO.** By F. D. Pagliucci. E. & M. J., Mar. 2, 1905, p. 417. 3 columns. I.
- SALT PRODUCTION IN MEXICO.** E. & M. J., vol. 84, p. 626. ¼ column.
- THE MINERAL ZONE OF SANTA MARIA DEL RIO, SAN LUIS POTOSI, MEXICO.** By Jesus P. Manzano. T. A. I. M. E., vol. 32, p. 478.
- NOTES ON THE STRUCTURE OF ORE-BEARING VEINS IN MEXICO.** By E. Halse. T. A. I. M. E., vol. 32, p. 285.
- THE WEST COAST OF MEXICO.** By D. E. Woodbridge. E. & M. J., vol. 84, p. 394. 6 columns.
- ASPHALT IN MEXICO.** E. & M. J., vol. 62, p. 610. ¼ column.
- NOTE ON THE ANTIMONY DEPOSIT OF EL ALTAR, SONORA, MEXICO.** By E. Halse. T. F. I. M. E., vol. 6, p. 290. 4 pages.
- NOTES ON THE OCCURRENCE OF MANGANESE ORE NEAR MULEGE, BAJA, CALIFORNIA, MEXICO.** By E. Halse. T. F. I. M. E., vol. 3, p. 934. 7 pages. I.
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- THE SAHUAYACAN DISTRICT, MEXICO.** By R. M. Bogg, Jr. E. & M. J., vol. 79, p. 749. 4½ columns. I.
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- THE TOJOS MINE, MEXICO.** By F. B. Fowler. E. & M. J., vol. 68, p. 666. 1 column.
- THE NOCOSARI MINES, MEXICO.** By H. B. Layton. E. & M. J., vol. 69, p. 678, 4 columns. I, p. 707.
- THE GEOGRAPHICAL AND GEOLOGICAL DISTRIBUTION OF THE MINERAL DEPOSITS OF MEXICO.** By J. G. Aguilera. T. A. I. M. E., vol. 32, p. 497.
- THE VALLECILLO MINES, MEXICO.** By R. C. Chism. T. A. I. M. E., vol. 13, p. 351.
- SIERRA MOJADA, MEXICO.** By R. C. Chism. T. A. I. M. E., vol. 15, p. 542.
- EL ORO DISTRICT, MEXICO.** By R. T. Hill. E. & M. J., Mar. 2, 1905, p. 410. 12 columns. I.
- THE MINING DISTRICT OF OCAMPO, MEXICO.** E. & M. J., vol. 57, p. 171. 2 columns.
- THE GUANAJUATO MINING DISTRICT.** By R. T. Hill. E. & M. J., vol. 77, p. 598, 8 columns, I.; p. 642, 6 columns, I.
- MINING IN SINALOA, MEXICO.** By J. W. Gray. M. & M. vol. 19, p. 471. 2½ columns.
- MINING IN SONORA, MEXICO.** E. & M. J., vol. 49, p. 220, 1 column; pp. 331, 444.
- MINING AND OTHER STATISTICS OF THE 30 MEXICAN STATES.** By A. C. Hodge. T. I. M. & M., vol. 9, p. 429. 1 page.
- NOTES ON MINING IN NORTHERN MEXICO.** By W. H. Glennie. T. F. I. M. E., vol. 1, p. 39. 14 pages.

- THE PASTRANA MINE, MEXICO.** By J. C F Randolph. Sch. Mines Quart., vol. 2, p. 107. 8 pages.
- MINING NOTES FROM SINALOA, MEXICO.** By W W. Fisk. E. & M. J., vol. 72, p 109. $\frac{1}{4}$ column.
- THE ETZATLAN MINING DISTRICT, MEXICO.** By E B. Von Osdel. E. & M. J., vol. 73, p. 243. $2\frac{1}{2}$ columns. I.
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- MEXICAN MINING: A Retrospect** E. & M J, vol. 76, p 157. $1\frac{1}{2}$ columns.
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- NOTES ON TEPIC, MEXICO** By C S. King Min. & Sci Press, vol. 82, p. 178. $1\frac{1}{4}$ columns
- FROM PARRAL TO GUADALOUPE Y CALVO, CHIHUAHUA, MEXICO** By H Z Osborne Min & Sci Press, vol 87, p 51, $3\frac{3}{4}$ columns, I ; p 64, 3 columns, I.; p 83, 2 columns, I.
- THREE WEEKS IN MEXICO** By T. A. Rickard. Min & Sci Press, vol 93, p 7, $4\frac{1}{2}$ columns, I.; p 53, 6 columns, I ; p. 83, 4 columns, I ; p. 350, $9\frac{1}{2}$ columns, I ; p 381, 8 columns, I ; p 416, 6 columns, I ; p. 442, $7\frac{1}{2}$ columns, I ; p. 506, 6 columns, I.; p. 538, 6 columns, I.; p. 568, 5 columns, I.; p. 599, 5 columns, I.; p. 627, 3 columns, I.
- THE MINING DISTRICT OF ASIENOTOS, MEXICO.** By B. Newman. E & M. J., vol. 83, p 1044. $6\frac{1}{2}$ columns I.
- AN ACCOUNT OF THE CENTRAL AND MINERAL DISTRICTS OF VERA CRUZ.** Am Jour. Min., vol. 4, pp. 258, 291, 306.
- TRAVELING ON THE WEST COAST OF MEXICO.** By D. E. Woodbridge. E. & M. J., vol. 84, p. 627. $10\frac{1}{4}$ columns. I.
- THE MINERALIZATION OF MEXICO.** By F J. H. Merrill E. & M. J., vol. 83, p. 667. $2\frac{1}{4}$ columns
- LOS PILARES MINE, NOCOSARI, MEXICO** By S F Emmons E & M. J, vol 82, p 1066 4 columns I.
- THE LLUVIA DE ORO DISTRICT, MEXICO.** By R H. Burrows Min & Sci Press, vol. 94, p. 664. 6 columns. I
- THE COPETE DISTRICT, CENTRAL SONORA, MEXICO.** By F. J. H. Merrill. E & M J., vol. 82, p. 628 2 columns.
- THE SAHUARIPA DISTRICT, SONORA.** E & M. J, vol. 82, p 629. $5\frac{1}{2}$ columns. I
- THE MINING CAMPS, SINALOA, MEXICO.** E & M J, vol. 82, p. 635. 5 columns. I.
- THE SAHUAYACAN MINING DISTRICT, MEXICO** By J C Treadwell E & M J, vol 80, p. 1213. $10\frac{1}{2}$ columns I.
- CONDITIONS IN MEXICO (1905)** E & M. J, vol. 79, p 952 3 columns.
- THE HOSTOLIPAQUILLO DISTRICT, JALISCO.** By W. N Cummings E. & M. J, vol 79, p 942 5 columns. I.
- SOME MINES IN SONORA, MEXICO.** By E. T Dumble. E & M. J., vol. 65, p 730 $1\frac{1}{2}$ columns.
- THE MINES OF THE PINTOS AND AZUL MOUNTAINS, SONORA, MEXICO.** By R W Petre E & M. J., vol 76, p 466. $2\frac{1}{2}$ columns. I.

THE YAQUI RIVER COUNTRY OF SONORA, MEXICO. By G J. Bancroft. E. & M. J., vol. 76, p. 160. 5½ columns. I.

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NOTES ON THE MICHIPICOTEN GOLD FIELD By A. B. Willmott. T. F. C. M. I., vol. 3, p. 100 2 pages.

THE GOLD BEARING SANDS OF THE VERMILION RIVER By J. W. Evans. J. C. M. I., vol. 2, p. 105. 3 pages.

THE DEAD RIVER GOLD RANGE, MICHIGAN. E. & M. J., vol. 52, p. 119. ¼ column.

THE NEW MICHIGAN GOLD FINDS. E. & M. J., vol. 46, p. 238. 2½ columns. I.

THE GREAT GOLD FIND IN MICHIGAN. E. & M. J., vol. 44, p. 40 1 column.

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A LAKE SUPERIOR SILVER MINE, MICHIGAN Min. & Sci. Press, vol. 31, p. 98, ¾ column; p. 130, ¾ column.

COPPER MINING ON LAKE SUPERIOR. By J. P. Channing Min. & Sci. Press, vol. 92, p. 198 2½ columns. I.

MINES OF THE LAKE SUPERIOR COPPER DISTRICT By H. J. Stevens T. L. S. M. I., vol. 12, p. 8. 18 pages I.

TABLE OF COPPER MINING STATISTICS. T. L. S. M. I., vol. 12, p. 24 1 page.

COPPER MINING IN UPPER MICHIGAN. By J. F. Jackson Min. & Sci. Press, vol. 86, p. 185, 2 columns, I.; p. 199, 3 columns; p. 214, 2½ columns. Mine Map.

THE LAKE SUPERIOR COPPER DISTRICT. By W. S. Hutchinson. E. & M. J., vol. 82, p. 253. 4 columns. I.

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MINES OF THE LAKE SUPERIOR COPPER DISTRICT. Description and Equipment. (1906.) T. L. S. M. I., vol. 12, p. 8. 16 pages.

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BRIEF DESCRIPTION OF THE CALUMET AND HECLA MINE, LAKE SUPERIOR, MICHIGAN. By E. McCormick Min. & Sci. Press, vol. 75, p. 459. 1½ columns. I.

LAKE SUPERIOR COPPER MINES. By H. J. Stevens. Min. & Sci. Press, vol. 88, p. 381. 2 columns.

THE COPPER AND IRON-BEARING ROCKS OF LAKE SUPERIOR. By A. C. Campbell E. & M. J., vol. 31, p. 20 2½ columns

SOME OCCURRENCES OF NATIVE COPPER AT KEWEENAW POINT, LAKE SUPERIOR By H. Credner E. & M. J., vol. 9, p. 3, 1½ columns; p. 24, 1 column, p. 36, 1½ columns.

THE RELATION OF THE VEIN AT THE CENTRAL MINE, KEWEENAW POINT, TO THE KEARSARGE CONGLOMERATE. By L. L. Hubbard T. L. S. M. I., vol. 3, p. 74 10 pages I.

THE ORIGIN AND MODE OF OCCURRENCE OF THE LAKE SUPERIOR COPPER DEPOSITS By M. E. Wadsworth T. A. I. M. E., vol. 27, p. 669

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ORE DEPOSITS OF LAKE SUPERIOR COPPER DISTRICT E. & M. J., vol. 78, p. 625. 7½ columns.

COPPER MINES OF LAKE SUPERIOR By T. A. Rickard E. & M. J., vol. 78, p. 585, 7 columns, I.; p. 625, 7½ columns, I.; p. 665, 6½ columns, I.; p. 705, 5½ columns, I.; p. 745, 7½ columns, I.; p. 785, 6 columns, I.; p. 825, 7 columns, I.; p. 865, 8 columns, I.

- COPPER MINES OF LAKE SUPERIOR** By T. A. Rickard. E. & M. J., vol. 78, p. 905, 9 columns, I.; p. 945, 17 columns, I.; p. 1025, 6 columns I.
- THE BELT COPPER MINE, MICHIGAN.** E & M. J., vol. 36, p. 47. 2 columns.
- MICHIPICOTEN ISLAND AND ITS COPPER MINES.** By H. Poole. E & M. J., vol. 54, p. 125. 2 columns. I.
- THE WOLVERINE COPPER MINE.** By F. J. Nicholas. E. & M. J., vol. 73, p. 582. 1½ columns
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- DUTY OF AIR-HAMMER DRILLS IN VARIOUS KINDS OF ROCK M. & M, vol 26, p 394.
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Electric Drills

- THE MEISSNER ELECTRIC ROCK DRILL. E. & M. J., vol. 66, p. 759. 1 column. I.
- AN ENGLISH ELECTRIC DRILL APPARATUS. E. & M. J., vol. 64, p. 249. $\frac{1}{2}$ column. I.
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- NOTES ON AN ELECTRIC DRILL USED IN THE ROSEDALE IRONSTONE MINES. By J. D. Hay. T. I. M. & M., vol. 5, p 322.
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- THE MOHAW BIT. E. & M. J., vol. 82, p. 438. Notes. I.
- DRILL STEEL, BITS, DRESSING BITS AND TEMPERING E & M J, vol. 82, p 780. 3 columns.
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- "STAR" vs "CHISEL" BIT. E. & M. J, vol 81, p 620 Note.
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- A NEW FORM OF MINE DRILL BIT By W Fitch. T. L. S. M. I., vol 7, p 94. 6 pages. I
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- TEMPERING IRON AND STEEL. E & M. J., vol 49, p. 538 $1\frac{1}{2}$ columns.
- THE SCALE OF COLOR-TEMPERATURES. E & M J, vol. 80, p. 164. Note
- LOSS OF TEMPER BY TREATMENT IN HOT WATER. E. & M. J., vol. 79, p. 1052. Note.

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Diamond and Rotary Drills

- DIAMOND DRILLING, ROSSLAND, BRITISH COLUMBIA, ALSO AT BUTTE, MONTANA.** M. & M., vol. 21, p. 363. $\frac{3}{4}$ column.
- RATE OF DRILLING WITH DIAMOND DRILL.** M. & M., vol. 20, p. 244. $\frac{1}{2}$ column.
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- A DIAMOND HAND-BORING MACHINE. By J B. Thompson T I M E, vol. 32, p. 107. 6 pages. I.
- NOTES ON DIAMOND DRILLING. By J. C. Taylor. *J. M. Soc. N. S.*, vol. 9, p. 72. 22 pages.
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- SETTING OF DIAMONDS IN BIT. By C Isler. *Well-Boring*, p. 160.

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- DICKINSON'S PATENT SHAPED DIAMOND CARBON POINTS OR CUTTERS AND ADJUSTABLE HOLDER** *E. & M. J.*, vol. 11, p. 31 $1\frac{1}{2}$ columns. I.
- THE DIAMOND DRILL, AT SMARTVILLE, CALIFORNIA, IN TUNNEL WORK.** *Min & Sci. Press*, vol 23, p. 88. $\frac{1}{2}$ column
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- THE SILVER-LEAD DEPOSITS OF THE SLOCAN, BRITISH COLUMBIA.** By J. D. Kendall. T. I. M. & M., vol. 7, p. 273. 46 pages. I.
- RAMBLER-CARIBOO MINES, SLOCAN DISTRICT, BRITISH COLUMBIA.** E. & M. J., vol. 82, p. 781. 1 column.
- SILVER MINES OF WEST KOOTENAY, BRITISH COLUMBIA.** By E. D. Ingall. J. M. Soc. N. S., vol. 3, p. 141. 8½ pages.
- NOTES ON THE DROMEDARY GOLD-MINES** By S. L. Bensusan. T. I. M. & M., vol. 9, p. 306. 4 pages.
- ALLUVIAL DEPOSITS OF HORSEFLY, BRITISH COLUMBIA.** By W. M. Brewer. Min. & Sci. Press, vol. 87, p. 284, 7 columns, I.; and p. 305, 2½ columns, I.
- THE DISCOVERY OF GOLD-BEARING CONGLOMERATES IN BRITISH COLUMBIA.** Min. & Sci. Press, vol. 79, p. 692. 1 column.

- THE ATLIN GOLD FIELDS OF BRITISH COLUMBIA. By J. H. Brownlee. Min. & Sci. Press, vol. 80, p. 549. 5 columns. I.
- RECENT MINERAL DISCOVERIES ON WINDY ARM OF TAGISH LAKE, BRITISH COLUMBIA. By R. G. McConnell. M. & M., vol. 27, p. 15. 3 columns.
- TRAIL CREEK (British Columbia) MINING DISTRICT. Min. & Sci. Press, vol. 73, p. 236. 3½ columns.
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- WINDY ARM MINERAL LOCATIONS, BRITISH COLUMBIA. By W. F. Robertson. E. & M. J., vol. 81, p. 701. 6 columns I.
- THE TRAIL CREEK DISTRICT, BRITISH COLUMBIA. By P. C. Stoess. E & M. J., vol. 58, p. 319. 1 column. Map
- THE SNOWSHOE MINE, BOUNDARY DISTRICT, BRITISH COLUMBIA. By E. Jacobs E & M. J., vol. 72, p. 661. 4 columns I.
- THE ST EUGENE MINE, BRITISH COLUMBIA. By E Jacobs E & M. J., vol 77, p 966. 2½ columns.
- THE BOUNDARY DISTRICT, BRITISH COLUMBIA. By E Jacobs E & M. J., vol. 76, p. 272. 7½ columns I.
- THE ATLIN DISTRICT, BRITISH COLUMBIA. By W. W. Grime E. & M. J., vol. 77, p. 523. 2 columns. I.
- NOTES FROM THE ATLIN DISTRICT, BRITISH COLUMBIA. By W. M. Brook. E. & M. J., vol. 74, p. 707. 5½ columns. I.
- BOUNDARY DISTRICT OF BRITISH COLUMBIA. By E. Jacobs. E. & M. J., vol. 73, p. 302. 6½ columns. I.
- BRITISH COLUMBIA: Boundary Mining District; Progress in Mining and Smelting. By W. M. Brewer. E & M J, vol. 73, p. 617. 10½ columns. I.
- MINING IN BRITISH COLUMBIA: Atlin Mining District; Boulder, Pine and Spruce Creeks; Muro Mountain. By W. M. Brewer. E. & M. J., vol. 72, p. 516. 5½ columns. I.
- BRITISH COLUMBIA: Texada Island. By W M Brewer. E & M. J., vol. 72, p. 665. 6½ columns. I.
- CAMP MCKINNEY, BRITISH COLUMBIA. By W M. Brewer. E. & M. J., vol. 72, p. 784. 3 columns. I.
- VANCOUVER ISLAND MINES AND PROSPECTS. By W M Brewer. E. & M. J., vol 72, p 846. 8 columns I.
- THE BRITISH COLUMBIA MINE, SUMMIT CAMP, BOUNDARY DISTRICT. By S. F. Parrish. E & M J, vol 72, p. 92. 2 columns. I.
- THE BRIDGE RIVER GOLD MINING CAMP. By F. Cirkel. J. C. M. I., vol 3, p. 21. 9 pages. I.
- MINING DISTRICTS NEAR KAMLOOPS LAKE, BRITISH COLUMBIA. By G. F. Monckton T. I. M. E., vol 18, p. 293. 18 pages. I.
- GOLD-MINING IN THE ROSSLAND DISTRICT, BRITISH COLUMBIA. By J. J. Sandeman. T. I. M. E., vol. 20, p. 401. 4 pages.
- MOUNT SICKER MINING DISTRICT, BRITISH COLUMBIA. By W. M. Brewer. Min. & Sci. Press, vol 87, p. 7. 4 columns.
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- THE HUNTER V. MINE, BRITISH COLUMBIA. By J. Ashworth. T. I. M. E., vol. 29, p. 338. 11 pages. I.
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- COBALT, CANADA. By D'Arcy Weatherbe. Min. & Sci. Press, vol. 92, p. 161. 5 columns. I.
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- COBALT, CANADA. M. & M., vol. 27, p. 456, 7 columns; and p. 488, 7 columns. I.
- A SILVER VEIN UNDER CLEAR LAKE, COBALT. By J. J. Bell. E. & M. J., vol. 82, p. 823. 1 column.
- THE COBALT MINING DISTRICT. By W. M. Courtis. E. & M. J., vol. 82, p. 5. 6 columns. I.
- THE COBALT DISTRICT, CANADA. E. & M. J., vol. 82, p. 1181. 3 columns.
- THE NIPISSING AND FOSTER: Cobalt Mines. By R. Meeks. E. & M. J., vol. 83, p. 274. 8 columns. I.
- THE MINES OF COBALT. By R. Meeks. E. & M. J., vol. 83, p. 138, 11 columns, I; and p. 186, 8 columns, I.
- THE MINES AT COBALT, CANADA. By R. Meeks. E. & M. J., vol. 83, p. 96. 7 columns. I.
- THE BONANZA SILVER MINES OF COBALT, ONTARIO. By W. S. Hutchinson. E. & M. J., vol. 83, p. 793. 4 columns. I.
- THE SILVER ISLET MINE AND ITS PRESENT DEVELOPMENT. By F. A. Lowe. E. & M. J., vol. 34, p. 320. 4½ columns.
- THE SILVER ISLET VEIN, LAKE SUPERIOR. By W. McDermott. E. & M. J., vol. 23, p. 54, 1½ columns; and p. 70, 1½ columns.
- A WHOLE ISLAND OF SILVER ON THE NORTH SHORE OF LAKE SUPERIOR (Silver Islet). E. & M. J., vol. 11, p. 4. ¾ column.
- THE SILVER MINES OF THUNDER BAY, LAKE SUPERIOR. By R. Bell. E. & M. J., vol. 43, p. 23, 1 column; p. 42, 1 column; and p. 345, 1½ columns.
- THE SILVER MINES OF THUNDER BAY. By P. McKellar. E. & M. J., vol. 59, p. 391. 1½ columns.
- SILVER ISLET. By T. Macfarlane. T. A. I. M. E., vol. 8, p. 226.
- THE RAINY LAKE GOLD DISTRICT. E. & M. J., vol. 58, p. 581. 1 column.
- THE GEOLOGY AND CHARACTER OF THE RAINY LAKE GOLD DISTRICT, CANADA. By W. W. Taylor. E. & M. J., vol. 58, p. 509. ½ column.
- THE GOLD-FIELDS OF THE RAINY RIVER DISTRICT. By H. V. Winchell. E. & M. J., vol. 64, p. 485. 3½ columns. I.
- THE OCCURRENCE OF GOLD-ORES IN THE RAINY RIVER DISTRICT, ONTARIO, CANADA. By W. H. Merritt. T. A. I. M. E., vol. 26, p. 853.
- BLACK EAGLE MINE, LAKE OF THE WOODS, ONTARIO, CANADA. E. & M. J., vol. 74, p. 448. 2 columns. I.
- THE LAKE OF THE WOODS GOLD-FIELD. By T. A. Rickard. E. & M. J., July 3, 1897, p. 5. 5½ columns. I.
- THE LAKE OF THE WOODS DISTRICT, ONTARIO. E. & M. J., vol. 74, p. 646. 1½ columns. I.
- NOTES ON THE LAKE OF THE WOODS DISTRICT. By F. H. Probert. T. I. M. & M., vol. 8, p. 332.
- LAKE-OF-THE-WOODS, ONTARIO, GOLD DISTRICT. By W. Douglas. E. & M. J., vol. 59, p. 152. 1 column.
- THE GOLD-BEARING VEINS OF BAG BAY, NEAR LAKE OF THE WOODS. By Peter McKellar. T. A. I. M. E., vol. 29, p. 104.
- NOTES ON GOLD MINING IN HASTINGS COUNTY, ONTARIO, CANADA. By J. T. Donald. E. & M. J., vol. 66, p. 668. 1 column.
- THE KLONDIKE GOLD-FIELDS. By H. Bratnøber. E. & M. J., vol. 64, p. 484. 1½ columns.
- THE BED-ROCK OF THE GILBERT RIVER GOLD-FIELDS, QUEBEC. By J. A. Dresser. J. C. M. I., vol. 8, p. 259. 8 pages. I.
- THE MONTREAL RIVER SILVER DISTRICT. By R. Meeks. E. & M. J., vol. 84, p. 544. 12 columns. I.

- NEW SILVER DISTRICT IN THE TEMAGAMI RESERVE, CANADA.** By L. H. Mattair. E. & M. J., vol. 83, p. 1144. 2½ columns. I.
- TIMISKAMING, CANADA.** By S. Dillon-Mills. E. & M. J., vol. 79, p. 996. 4 columns. I.
- TIMISKAMING, ONTARIO.** By F. Hewett. E. & M. J., vol. 80, p. 447. 4 columns. I.
- THE EASTERN ONTARIO GOLD BELT.** By W. G. Miller. E. & M. J., vol. 74, p. 850. 1½ columns.
- NOVA SCOTIA GOLD MINES.** By G. W. Stuart. E. & M. J., vol. 67, p. 292. 1 column.
- ON THE GOLD MEASURES OF NOVA SCOTIA AND DEEP MINING.** By E. R. Faribault. The Can. Min. Rev., Mar. 31, 1899, pp 78-96. 18 pages. I.
- THE KLONDIKE GOLD-FIELDS.** By J. Meikeljohn. T. I. M. E., vol. 19, p. 352. 12 pages. I.
- NOTES ON THE GOLD ORES OF WESTERN ONTARIO.** By C. Brent. J. C. M. I., vol. 6, p. 327. 9 pages.
- GOLD MINING IN THE YUKON DISTRICT.** By W. M. Ogivie. T. F. C. M. I., vol. 263. 10 pages.
- NOTES ON THE WESTERN ONTARIO GOLD FIELDS.** T. F. C. M. I., vol. 2, p. 278. 5 pages.
- THE GOLD DEPOSITS OF THE EASTERN TOWNSHIPS.** By R. W. Ellis. T. F. C. M. I., vol. 1, p. 109. 18 pages.
- THE GOLD-BEARING DEPOSITS OF THE EASTERN TOWNSHIPS OF QUEBEC.** By R. Chalmers. T. F. C. M. I., vol. 2, p. 13. 29 pages.
- THE MISPICKEL GOLD ORES OF DELORO, ONTARIO.** By J. W. Wells. T. F. C. M. I., vol. 2, p. 127. 7 pages.
- CANADIAN GOLD: An Account of the Occurrence of Gold in the Rainy River District and the Province of Quebec.** M. & M., vol. 18, p. 541. 1½ columns. I.
- WORK IN THE GOLD-FIELDS OF ONTARIO, CANADA.** E. & M. J., vol. 60, p. 445. 1 column.
- THE BED-ROCK OF THE GILBERT RIVER GOLD FIELDS, QUEBEC.** E. & M. J., Mar. 23, 1905, p. 556. 2 columns.
- THE GOLD-BEARING MISPICKEL VEINS OF MARMORA, ONTARIO, CANADA.** By R. P. Rothwell. T. A. I. M. E., vol. 9, p. 409.
- THE WESTERN ONTARIO GOLD FIELDS AND THEIR GENESIS.** By F. Hille. T. F. C. M. I., vol. 2, p. 78. 15 pages. I.
- WEST KOOTENAY ORE BODIES.** By R. W. Brock. J. C. M. I., vol. 2, p. 72, 15 pages, I., and vol. 3, p. 141, 2 pages.
- DESCRIPTION OF THE SULTANA QUARTZ LODGE, AND THE SINKING OF THE BURLEY SHAFT IN BALD INDIAN BAY, LAKE OF THE WOODS.** By J. Burley. J. C. M. I., vol. 2, p. 87. 9 pages. I.
- SOME WEST KOOTENAY ORE BODIES.** By J. C. Gwillim. T. F. C. M. I., vol. 3, p. 21. 8 pages.
- NOTES ON SOME DEPOSITS IN THE EASTERN ONTARIO GOLD BELT.** By C. W. Knight. J. C. M. I., vol. 7, p. 210. 33 pages. I.
- NOTE ON WINDY ARM SILVER-BEARING VEINS.** By R. G. McConnell. J. C. M. I., vol. 9, p. 49. 5 pages.
- CHARACTERISTIC FEATURES OF VEINS IN GRANITE IN CALIFORNIA.** Min. & Sci. Press, vol. 78, p. 428. 3 columns.
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- ABOUT CALIFORNIA GOLD-BEARING ROCKS.** By A. Bowman. Min. & Sci. Press, vol. 26, p. 17. 3½ columns. I.
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- MINES AND MINING: Plumas and Sierra Counties Min & Sci Press, vol 28, p 140, $1\frac{1}{2}$ columns; p 146, $2\frac{1}{2}$ columns; p 162, $1\frac{1}{2}$ columns; p 306, $1\frac{1}{2}$ columns; p 322, $2\frac{1}{2}$ columns, p. 376, 1 column
- THE DORLESKA GOLD MINE, CALIFORNIA By H Z Osborne Min & Sci Press, vol 87, p. 252 $2\frac{1}{2}$ columns
- SOME STRUCTURAL FEATURES OF THE CALIFORNIA GOLD BELT By W. H. Storms Min & Sci Press, vol 87, p 112, $2\frac{1}{2}$ columns, I.; p. 129, 2 columns, I.; p 149, $1\frac{1}{2}$ columns, I ; p 165, 1 column, p 183, $\frac{3}{4}$ column; p 202, $1\frac{1}{2}$ columns; p. 216, $1\frac{1}{2}$ columns, I.
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- NOTES ON DEATH VALLEY AND THE PANAMINT. By G. D. James. E. & M. J., vol. 80, p. 914. $10\frac{1}{2}$ columns I.
- THE GOLD DEPOSITS OF NEVADA COUNTY, CALIFORNIA By G P. Grimsly E. & M. J., vol. 68, p 487. 2 columns. I.

- THE CRETACEOUS AURIFEROUS CONGLOMERATE OF THE COTTONWOOD MINING DISTRICT, SISKIYOU COUNTY, CALIFORNIA. By H. W. Turner. E. & M. J., vol. 76, p. 653. 6 columns. Map.
- THE GREAT NORTHERN GOLD FIELD. By A. B. Paul. Min. & Sci. Press, vol. 74, p. 367. 1½ columns. I.
- CALIFORNIA ORE DEPOSITS. Min & Sci. Press, vol. 73, p. 258. 1½ columns.
- ON THE OCCURRENCE OF TELLURIUM IN CALIFORNIA. Min. & Sci. Press, vol. 16, p. 9. 2½ columns.
- CALIFORNIA SILVER-GOLD TELLURIDES. Min. & Sci. Press, vol. 16, p. 17. ¾ column.
- AURIFEROUS VEINS OF MEADOW LAKE, CALIFORNIA. Min & Sci. Press, vol. 68, p. 118. 2½ columns
- THE GOLER GOLD DIGGINGS, MOJAVE, CALIFORNIA. By F L Nason. E. & M J, vol 59, p 223. 1 column.
- AURIFEROUS CONGLOMERATE IN CALIFORNIA. By H. W. Fairbanks. E. & M. J., vol 59, p 389. 1½ columns.
- THE RANDSBURG MINING DISTRICT, CALIFORNIA. By F M. Endlich. E & M. J., vol 63, p. 209. 1½ columns.
- ANGELS' CAMP, CALIFORNIA, AND VICINITY. By H L Tyler. E & M J., vol 62, p. 100. 2 columns. I.
- THE MOJAVE MINING DISTRICT OF CALIFORNIA. By C E W Bateson. T. A. I. M. E., vol. 37, p. 160. 17½ pages. I.
- CALIFORNIA GOLD-MINES: Grass Valley, Nevada County, California. By A Lakes. M. & M., vol. 19, p. 444. 5½ columns. I.
- ANGELS' CAMP, CALAVERAS COUNTY, CALIFORNIA. E. & M. J., vol. 42, p. 201. ¾ column.
- THE SAN DIEGO GOLD MINES. E & M. J., vol 9, p. 210, ¾ column; and p. 275, 1½ columns.
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- THE HAILE GOLD MINES OF SOUTH CAROLINA. By A. Lakes. M & M., vol. 21, p. 55, 4 columns, I.; and p. 108, 2½ columns.
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- ON SOME PECULIARITIES IN THE OCCURRENCE OF GOLD IN NORTH CAROLINA. By W C Kerr. T. A. I. M. E., vol 10, p 475.
- A SOUTHERN GOLD MINE: King's Mountain, North Carolina. E. & M. J., vol. 54, p. 34. 1½ columns. I.
- REPORT OF EXPLORATIONS ON THE GOLD FIELDS OF VIRGINIA AND NORTH CAROLINA. By H. Credner. E & M J., vol 6, p. 377, 1½ columns, p 393, 1½ columns; p. 406, 1½ columns, p 361.
- GOLD AND ITS ASSOCIATED MINERALS AT KING'S MOUNTAIN, NORTH CAROLINA. By W. B. Devereux. E. & M J., vol. 31, p. 39. 1½ columns. I.
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- THE CAMP BIRD MINE, OURAY, COLORADO, AND THE MINING AND MILLING OF THE ORE By C W Purington, T H Woods, and G D Doveton. T A. I M E., vol 33, p 499 I
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- THE ORE-SHOOTS OF CRIPPLE CREEK. By E Skewes. T. A. I. M. E, vol. 26, p 553.
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- THE WHOPPER LODE, GUNNISON COUNTY, COLORADO By P Frazer T A I M. E, vol. 9, p. 249
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HAULAGE IN MINES

Tractive Force in Haulage

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- THE ASSAY BY PROSPECTORS OF AU-RIFEROUS ORES AND GRAVELS BY MEANS OF AMALGAMATION AND THE BLOWPIPE. By W. H. Merritt. T. A. I. M. E., vol. 26, p. 187.
- ASSAY OF AURIFEROUS ORES AND GRAVELS BY AMALGAMATION AND THE BLOW-PIPE. By R. W. Leonard. T. A. I. M. E., vol. 25, p. 645.
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- THE ASSAYING OF COMPLEX GOLD-ORES. By E. A. Smith. T. I. M. & M., vol. 9, p. 315. 46 pages.
- THE ASSAYS OF ZINC-BOX RESIDUES FROM THE CYANIDE PROCESS By R. W. Lodge T. A. I. M. E., vol. 34, pp. 432, 964.
- THE ASSAY OF GOLD BARS E. & M. J., vol. 83, p. 820 $1\frac{1}{2}$ columns
- A MODIFIED METHOD OF FINE SILVER ASSAY. E. & M. J., vol. 64, p. 514 $\frac{3}{4}$ column.
- A MEXICAN CUPELLATION-HEARTH By W. L. Austin. T. A. I. M. E., vol. 13, p. 41.
- NOTE ON A CUPEL-MACHINE. By C. E. Wait. T. A. I. M. E., vol. 14, p. 767
- AN IMPROVED ASSAY-MUFFLE. By A. S. Dwight. T. A. I. M. E., vol. 26, p. 992.
- A WOOD-BURNING ASSAY-FURNACE. By E. H. Nutter Min. & Sci. Press, vol. 92, p. 329. $1\frac{1}{2}$ columns. I.
- A MULTIPLE-MUFFLE ASSAY FURNACE. By H. C. Parmelee. E. & M. J., vol. 83, p. 83. $2\frac{1}{2}$ columns. I.

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- ASSAYING OF SILVER BULLION. By F. C. Blake. T. A. I. M. E., vol. 10, p. 490.
- ASSAYING PLUMBAGO POTS FOR GOLD. By F. L. Carter. E. & M. J., vol. 68, p. 155. $\frac{1}{2}$ column.
- ASSAY OF COPPER. By E. W. Buskett. M. & M., vol. 28, p. 123. $1\frac{1}{2}$ columns.
- THE USE OF ZINC IN ASSAYING COPPER MATTE, ETC. By D. M. Levy. T. I. M. & M., vol. 16, p. 397. 26 pages. I.
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- THE QUINCY MINE ASSAY OFFICE. By C. W. Macdougall. E. & M. J., vol. 81, p. 708, 6 columns, I.; p. 654, 4 columns, p. 806, $4\frac{1}{2}$ columns.
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- ESTIMATION OF COPPER BY TITRATION WITH POTASSIUM CYANIDE. E. & M. J., vol. 81, p. 750. 4 columns. I.
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- THE "ALL-FIRE" METHOD FOR THE ASSAY OF GOLD AND SILVER IN BLISTER COPPER. By A. Gibb. T. A. I. M. E., vol. 33, p. 670.
- THE LITHARGE PROCESS OF ASSAYING COPPER-BEARING ORES AND PRODUCTS, AND THE METHOD OF CALCULATING CHARGES. By W. G. Perkins. T. A. I. M. E., vol. 31, p. 913.
- THE CYANIDE ASSAY FOR COPPER. By H. H. Miller. T. A. I. M. E., vol. 31, pp. 653, 1027.
- THE ELECTROLYTIC ASSAY AS APPLIED TO REFINED COPPER. By G. L. Heath. T. A. I. M. E., vol. 27, pp. 390, 962.
- ASSAYS OF COPPER AND COPPER MATTE. T. A. I. M. E., vol. 24, p. 575; vol. 25, pp. 250, 1000.
- COPPER ASSAYING AT LAKE SUPERIOR. By G. L. Heath. E. & M. J., vol. 59, p. 369. 2 columns.
- A UNIFORM METHOD FOR THE ASSAY OF COPPER MATERIALS FOR GOLD AND SILVER. By A. R. Ledoux. T. A. I. M. E., vol. 24, pp. 575, 872.
- NOTES ON THE ELECTROLYTIC ASSAY OF COPPER. By W. Glenn. T. A. I. M. E., vol. 17, p. 406.
- PRESENT COMMERCIAL METHODS OF COPPER ASSAYING AND ANALYSIS. By T. Ulke. E. & M. J., vol. 68, p. 727. $3\frac{1}{2}$ columns.
- ON THE ASSAY OF TIN AND ON SOLUBILITY OF CASSITERITE. By J. H. Collins. T. I. M. & M., vol. 13, p. 485. 3 pages.
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- THE DRY ASSAY OF TIN-ORES. By H. O. Hofman. T. A. I. M. E., vol. 18, p. 3.
- NOTE ON THE INFLUENCE OF COLUMNITE ON THE TIN-ASSAY. By F. R. Carpenter and W. P. Headden. T. A. I. M. E., vol. 17, pp. 633, 785.
- ON THE ASSAY OF TIN. E. & M. J., vol. 77, p. 957. $\frac{1}{2}$ column.
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- FIRE ASSAY FOR LEAD.** By J. F. Cannon. E. & M. J., vol. 64, p. 604. Note.
- ASSAY OF ZINC.** By E. W. Buskett. M. & M., vol. 28, p. 183. 2 columns.
- THE ELECTROLYTIC ASSAY OF LEAD AND COPPER.** By G. A. Guess. T. A. I. M. E., vol. 36, p. 605. 6 pages. I.
- THE ASSAYING OF ZINC ORES AS CARRIED ON IN THE JOPLIN DISTRICT, MISSOURI.** By E. W. Buskett. M. & M., vol. 26, p. 99. 4 columns. I.
- ASSAYING ARGENTIFEROUS GALENA.** Min. & Sci. Press, vol. 43, p. 134. $\frac{1}{2}$ column.
- THE FIRE ASSAY OF LEAD: A Combination Method.** By O. J. Frost. E & M. J., vol. 73, p. 730. $1\frac{1}{2}$ columns.
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- A CRUCIBLE CHARGE FOR GOLD AND SILVER IN ZINC ORES.** By E. J. Hall and E. Popper. Sch Mines Quart., vol. 25, p. 355. $2\frac{1}{2}$ pages.
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- DETERMINATION OF LEAD IN ORES BY FIRE ASSAY.** By D. Lay. J. C. M. I., vol. 4, p. 224. 5 pages.
- NOTE ON LEAD ASSAYING.** By P. R. Robert. T. I. M. & M., vol. 9, p. 270. 2 pages.
- ASSAYING GALENA: To Determine Amount of Arsenic and Antimony.** M. & M., Apr., 1902, p. 405.
- A NEW ASSAY FOR MERCURY.** By R. E. Chism. T. A. I. M. E., vol. 28, p. 444.
- NEW QUICKSILVER ASSAY.** Min. & Sci. Press, vol. 25, p. 81, $\frac{1}{2}$ column; p. 268, $\frac{3}{4}$ column.
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- ASSAY OF IRON.** By E. W. Buskett. M. & M., vol. 28, p. 244. $1\frac{1}{2}$ columns.
- NOTE ON MANGANESE-STEEL.** By H. M. Howe. T. A. I. M. E., vol. 21, p. 625.
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- ASSAY OF THE PLATINUM METALS** E & M. J., vol. 80, p. 1017. $2\frac{1}{2}$ columns.
- A COMPLETE GAS ASSAYING-PLANT.** By W. L. Brown. T. A. I. M. E., vol. 13, p. 26.
- Roasting Ores, Furnaces, etc.**
- DRYING AND ROASTING MACHINERY.** Machinery for Metalliferous Mines, pp 422-438.
- STETEFELDT'S SHELF DRY-KILN FOR DRYING ORES.** Min. & Sci Press, vol. 47, p. 209, $3\frac{1}{2}$ columns, I; p. 217, I.
- THE LATEST TYPE OF MECHANICAL CALCINER.** By W. Blackmore T. I. M & M, vol. 7, p. 323. 8 pages. I.
- NOTES ON AN IMPROVED FURNACE FOR BURNING COKE** By T. G. Martyn T. I. M. & M., vol. 7, p. 331. 4 pages. I.
- THE SHELF DRY-KILN.** By C. A. Stetefeldt. T. A. I. M. E., vol. 12, p. 95.
- STEAM HEATED ORE-DRYER.** Min. & Sci Press, vol. 74, p. 257. I.
- WILFLEY ROASTING PROCESS.** By J. M. McClave. M. & M., vol. 28, p. 407. 2 columns. I.
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- AN OPEN HEARTH FURNACE PLANT. Min. & Sci. Press, vol. 58, p. 433. 4 columns I.
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- DESULPHURIZING AND OXIDIZING ORE FURNACE. Min. & Sci. Press, vol. 45, p. 17. 2 columns I.
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- WILLARD'S DESULPHURIZING FURNACE. Min. & Sci. Press, vol. 37, p. 145. $1\frac{1}{2}$ columns. I.
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- THE BRUCKNER REVOLVING FURNACE. Min. & Sci. Press, vol. 30, p. 281. $3\frac{1}{2}$ columns. I.
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- EDWARDS AND MERTON FURNACES. E. & M. J., vol. 76, p. 294. 2 columns.
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- THE PEARCE TURRET FURNACE (Roasting). E. & M. J., vol. 55, p. 513. 1½ columns. I.
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- THE CHASE ROASTING FURNACE. E. & M. J., vol. 73, p. 797. 3¼ columns. I.
- THE IMPROVED BRÜCKNER (Roasting) CYLINDERS. By R. W. Raymond. T. A. I. M. E., vol. 14, p. 576.
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- THE V-METHOD OF HEAP-ROASTING. T. A. I. M. E., vol. 18, p. 285.
- THE DECOMPOSITION AND FORMATION OF ZINC SULPHATE BY HEATING AND ROASTING. By H. O. Hofman. T. A. I. M. E., vol. 35, p. 811. 47 pages.
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- NOTES ON ROASTING WITH McDUGALL FURNACE. By S. S. Sorensen. J. C. M. I., vol. 6, p. 306. 7 pages. I.
- A POSSIBLE EXPLANATION OF KERNEL-ROASTING. By H. M. Howe. E. & M. J., vol. 59, p. 104, p. 267, 1 column, p. 339, 1½ columns; p. 364, 1½ columns; p. 411, ½ column.
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- ORE AND MATTE-ROASTING IN UTAH. By R. H. Terhune. T. A. I. M. E., vol. 16, p. 18.
- THE DAVIS-COLBY ORE-ROASTER. By S. G. Valentine. T. A. I. M. E., vol. 18, p. 303.
- NOTES ON THE ADDITIONAL DIAPHRAGM IN THE HOWELL ROASTING FURNACE. By C. W. Goodale. T. A. I. M. E., vol. 18, p. 223.
- THE HOLTHOFF REVOLVING-HEARTH ROASTING FURNACE. E. & M. J., Mar 16, 1905, p. 538. 3 columns. I.
- COOLING ATTACHMENT FOR ORE ROASTING FURNACES. E. & M. J., vol. 68, p. 127. 1 column. I.
- AN ORE-ROASTING FURNACE. By W. J. Taylor. T. A. I. M. E., vol. 9, p. 304.
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- THE HARTSFELD SMELTING FURNACE. Min. & Sci. Press, vol. 51, p. 277. 2 columns. I.
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- THE ROPP STRAIGHT LINE FURNACE. E. & M. J., vol. 80, p. 33. 1 column. I.
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METALLURGICAL MACHINERY. By A. C. McCallum. J. C. M. I., vol. 2, p. 28. 10 pages.

See METALLURGY OF VARIOUS METALS for further information on Roasting.

Pyritic Smelting

PYRITIC SMELTING: A Review. By E. D. Peters. E. & M. J., vol. 77, p. 881, 7½ columns; p. 921, 3 columns, p. 959, 4 columns; p. 1004, 2½ columns; p. 1043, 4 columns; vol. 78, p. 10, 3½ columns; p. 58, 1½ columns; p. 100, 3½ columns.

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THE PROVINCE OF PYRITIC SMELTING. By H. Lang. E. & M. J., vol. 71,

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THE ECONOMICAL TREATMENT OF SULPHIDE ORES. By C. B. Jackes. J. C. M. I., vol. 8, p. 244. 12½ pages. I.

Metallurgy of Gold and Silver

- NOTES ON SMELTING AND CUPELLATION.** By F. L. Piddington. J. C. & M. Soc. S. A., vol. 4, p. 360. 20 pages.
- A WEST AFRICAN SMELTING-HOUSE.** By C. V. Bellamy. Engineering, London, vol. 79, p. 28. 6½ columns I.
- SMELTING GOLD AND SILVER ORES IN COLORADO.** By T. Tonge M & M., vol. 19, p. 97. 8½ columns. I.
- SILVER SMELTING IN MEXICO.** Min. & Sci. Press, vol. 81, p. 92, 2 columns; p. 121, 2 columns +; p. 157, 2 columns, p. 185, 2½ columns; p. 222, 2 columns +, p. 249, 3 columns; p. 284, 2 columns
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- CONCENTRATING AND SMELTING, AS APPLIED TO THE TREATMENT OF LOW-GRADE GOLD-COPPER ORES AT SANTA FE, NEW MEXICO.** By H. F. Collins. T. I. M. & M., vol. 12, p. 58. 56 pages. I.
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- REMARKS ON THE PRECIPITATION OF GOLD IN A REVERBERATORY HEARTH.** By R. W. Raymond. T. A. I. M. E., vol. 1, p. 320.
- ECONOMICAL RESULTS IN THE TREATMENT OF GOLD AND SILVER ORES BY FUSION.** By J. A. Church. T. A. I. M. E., vol. 1, p. 242.
- THE OCCURRENCE AND TREATMENT OF CERTAIN GOLD-ORES OF PARK COUNTY, COLORADO.** By B. Stadler. T. A. I. M. E., vol. 26, p. 848.
- SILVER INGOT MELTING AT THE MINT OF THE UNITED STATES AT NEW ORLEANS.** By F. F. Claussen. T. A. I. M. E., vol. 16, p. 83.
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- THE METALLURGY OF THE HOME-STAKE ORE.** By C. W. Merrill. T. A. I. M. E., vol. 34, pp. 585, 983.
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- THE TREATMENT OF GOLD-BEARING ARSENICAL ORES AT DELORO, ONTARIO, CANADA.** By R. P. Rothwell. T. A. I. M. E., vol. 11, p. 191
- TREATMENT OF ROASTED PYRITES BY THE LONGMAID AND CLAUDET PROCESSES FOR THE EXTRACTION OF GOLD AND SILVER.** By T. Egleston. T. A. I. M. E., vol. 14, p. 98
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- THE DESILVERIZATION OF LEAD-SLAGS.** By H A. Keller. T. A. I. M. E., vol. 21, p. 71.
- THE MARSAC REFINERY, PARK CITY, UTAH.** By C. A. Stetefeldt. T. A. I. M. E., vol 21, p. 286.
- PRESENT STAGE OF METALLURGY ON THE WITWATERSRAND.** By G. A. and H S. Denny Min. Mag., vol. 12, p 173. 34 columns. I.
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- DUST CHAMBER DESIGN.** By M. J. Welch. E. & M J., vol. 78, p. 348. 5 columns. I.
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- SOME PECULIARITIES OCCURRING IN THE MELTING OF GOLD AND SILVER BULLION OF VARIOUS FINENESSES.** By G. Attwood. T. I. M. & M., vol. 6, p. 338.
- THE CONCENTRATION OF GOLD AND SILVER IN IRON BOTTOMS** By M. F. N Bolles T A I. M E., vol 35, p. 666, 30 pages, I ; p 1019, 4 pages.
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METALS

Properties of Various Metals.

- MICROSCOPIC METALLOGRAPHY.** By F. Osmond. T. A. I. M. E., vol. 22, p. 243.
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- THE PATIENCE OF COPPER AND SILVER AS AFFECTED BY ANNEALING.** By H. M. Howe. T. A. I. M. E., vol. 13, p. 646.
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- THIN PLATES OF METAL.** By T. Eggleston. T. A. I. M. E., vol. 7, p. 91.
- THE WEAR OF METAL AS INFLUENCED BY ITS CHEMICAL AND PHYSICAL PROPERTIES.** By C. B. Dudley. T. A. I. M. E., vol. 19, p. 892.
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Lead and Zinc Ores

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Gems and Precious Stones

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- DEVELOPMENT: Drives, Driving, Winzes, Sinking and Raising, Cross-Cuts and Cross-Cutting** The Witwatersrand Gold-Fields, pp. 286-294 I.
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- THE DEVELOPMENT OF A WEST VIRGINIA COAL MINE.** By W. Graham. Coll. Engr., vol. 13, p. 98. 2½ columns.
- IMAGINARY BOUNDARIES.** By R. W. Raymond. T. A. I. M. E., vol. 18, p. 182.

- THICKNESS, IN FEET, OF BEDS AT VARIOUS POINTS: Keweenaw Point Lodes.** T. L. S. M. I., vol. 2, p. 93. Table.
- THE TURNED-BACK SHAFT AT THE SALISBURY MINE, ISHPEMING, MICHIGAN.** By R. Meeks. E. & M. J., vol. 84, p. 73. 1 column. I.
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- THE LOCATION AND ARRANGEMENT OF SHAFTS.** By W. Smyth. E. & M. J., vol. 9, p. 370. 1½ columns.
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- NUMBER AND ARRANGEMENT OF SHAFT COMPARTMENTS: The Rand.** M. & M., vol. 26, p. 413.
- LOCATION OF HOISTING SHAFTS.** M. & M., vol. 20, p. 277. 12 columns.
- THE SELECTION OF SITES FOR THE SINKING OF SHAFTS: The Unreliability of Borings** M. & M., vol. 18, p. 132. 3 columns. I.
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- THE ECONOMIC THEORY OF SHAFTS AND SLOPES FOR FLAT COAL SEAMS.** By E. Brackett. E. & M. J., vol. 74, p. 375, 6 columns; p. 407, 6 columns.
- MISPLACEMENT OF MINING SHAFTS AND ADITS.** By S. Hunter. E. & M. J., vol. 80, p. 248, 6 columns, I.; p. 306, 1½ columns, I.
- OPENING COAL MINES: Size of Shafts, Machinery, etc.** By A. Wasmuth. E. & M. J., vol. 31, p. 285. ¾ column.
- DEVELOPMENT BY SHAFTS IN WESTERN AUSTRALIA.** Gold Min. & Mill. W. Aus., p. 156. 10 pages. I.
- INCLINES ON THE VEINS VS. VERTICAL SHAFTS AND CROSS-CUTS.** E. & M. J., vol. 56, p. 662. 1 column.
- SINKING OR TUNNELING.** E. & M. J., vol. 68, p. 700. 1½ columns.
- FORMS OF MINE SHAFTS.** Min. & Sci. Press, vol. 87, p. 246. 1½ columns.
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- ARRANGEMENT AND FORMS OF SHAFTS (Circular and Rectangular), DEEP LEVEL MINES OF THE RAND.** M. & M., vol. 26, p. 473. I.
- A COMPARISON OF RECTANGULAR AND CIRCULAR SHAFTS ON THE RAND.** T. I. M. & M., vol. 15, p. 364. 3 pages. I.
- MINE SHAFTS.** E. & M. J., vol. 23, p. 124.
- SHAFTS ON THE RAND: Round.** Gold Mines of the Rand, p. 113. 6 pages. I.
- RATE OF SHAFT-SINKING ON RAND.** Gold Mines of the Rand, p. 125. 2 pages.
- ROUND SHAFTS IN CHINA.** T. A. I. M. E., vol. 16, p. 98.
- CIRCULAR SHAFTS.** The Witwatersrand Gold-Fields, p. 186. I.
- CIRCULAR OR RECTANGULAR SHAFTS FOR COAL MINES.** E. & M. J., vol. 77, p. 952. 1½ columns.
- THE MALTBY NEW CIRCULAR SHAFT: Method of Sinking.** Rept. Insp. Mines Pa., 1875, p. 167. ¾ page.
- JERMYN'S NEW SHAFT: Method of Sinking.** Rept. Insp. Mines Pa., 1876, p. 168. 1 page+.
- CIRCULAR SHAFTS AT HULTON COLLIERY, ENGLAND.** M. & M., vol. 27, p. 245. ½ column. I.

- ROUND SHAFT: Arrangement of Compartments, Lining, etc.** T. I. M. & M., vol. 6, p. 160.
- DIMENSIONS OF SHAFTS OF THE ALASKA-TREADWELL MINES.** E. & M. J., vol. 76, p. 583. Table.
- SIZE OF MINE SHAFTS IN NEW SOUTH WALES.** Annl Min. Rept. N S. Wales, 1899, p. 156, 3 pages; 1903, p. 119, 4 pages.
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- NO. 5 SHAFT AT THE TAMARACK MINE.** By W. E. Parnell, Jr. T. L. S. M. I., vol. 7, p. 50. 12 pages. I.
- DEPTHS OF SHAFTS ON THE RAND.** T. I. M. & M., vol. 11, p. 60.
- NOTES ON DEEP SHAFT SINKING IN THE LAKE SUPERIOR COPPER MINING DISTRICT.** By W. McDermott. T. I. M. & M., vol. 4, p. 153.
- DEEP-LEVEL SHAFTS ON THE WITWATERSRAND, WITH REMARKS ON A METHOD OF WORKING THE GREATEST NUMBER OF DEEP-LEVEL MINES WITH THE FEWEST POSSIBLE SHAFTS.** By T. H. Leggett. T. A. I. M. E., vol. 30, p. 947.
- SINKING DEEP SHAFTS AT GERMAN COLLIERIES.** E & M. J., vol. 71, p. 661. $\frac{1}{2}$ column.
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- SLOPE MINING IN THE ANTHRACITE FIELDS.** The Anth. Coal Industry. By Peter Roberts. p. 22. 2 pages. I.
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- SLOPES, PLANES, AND INSIDE SLOPES.** By H M. Chance. 2d Geol Survey Pa., A C, p. 193. 9 pages. I.
- SLOPE SINKING AND TIMBERING.** By M S Hachita. E. & M. J., vol. 83, p. 1153. 1 column.
- DRIFTING IN THE JOPLIN DISTRICT.** E. & M. J., vol. 84, p. 257. 3 columns. I.
- MINING HARD GROUND (Drifting).** By W. A. T. Davies. E. & M. J., vol. 82, p. 779. $7\frac{1}{2}$ columns. I.
- USE OF EXPLORATORY HOLES IN DRIFTING (Feelers).** T. L. S. M. I., vol. 11, p. 144. $\frac{1}{2}$ page. I.
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- PROSPECTING DRIFTS, SHAFTS, AND TUNNELS.** By H. M. Chance. 2d Geol. Survey Pa., A. C., p. 26. 6 pages.
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- DRIFTING, RAISING, STOPPING, BLASTING, ETC., AT ROSSLAND, BRITISH COLUMBIA.** M. & M., vol. 21, p. 365. 2 columns. I.
- CROSS-CUTTING, DRIFTING, RAISING AND STOPPING, WINZES IN THE BUTTE, MONTANA, MINES.** M & M., vol. 21, p. 104. 4 columns. I.
- THE DRIVING OF A STONE-DRIFT AT THE WEST WYLAM COLLIERIES.** By S. Bates. T. I. M. E., vol. 18, p. 120. 7 pages.
- GOB-ENTRY vs. NARROW ENTRY: The Methods of Working at the Thomas Mines, Whitwell, Tennessee.** By J. Cam. M. & M., vol. 19, p. 57. 5½ columns. I.
- LENGTHS OF ENTRIES AND THE WIDTHS OF ROOMS AND PILLARS** M. & M., vol. 19, p. 524. 1½ columns. I.
- NOTES ON WORK DONE BY THE STANLEY HEADING-MACHINES AT HAMILTON PALACE COLLIERY.** By J S. Dixon. T. F. I. M. E., vol. 5, p. 4. 5 pages.
- STANLEY'S COAL HEADING MACHINE: Machine Drifting.** T. F. I. M. E., vol. 1, plate II.
- Shaft-Sinking: Processes, Applications, Rate of Sinking, etc.**
- THE FREEZING PROCESS** P. C. M., vol. 2, p. 219. 12 pages. I.
- EXCAVATING FOR FOUNDATIONS BY THE FREEZING PROCESS.** J. W. Soc. E., vol. 1, p. 443. 6 pages. I.
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- CARE OF THE PLANT IN SINKING BY REFRIGERATION.** E. & M. J., vol. 84, p. 777. 6½ columns
- MECHANICAL PRODUCTION OF LOW TEMPERATURES (for Cooling Deep Workings and Shaft Sinking)** By S. F Walker E & M. J., vol. 83, p. 1184. 10 columns I.
- GOEBHARDT AND KOENIG FREEZING PROCESS** M & M., vol. 26, p. 467 2½ columns. I
- MINING WITH AID OF REFRIGERATION** Poetsch's Freezing Apparatus Min & Sci Press, vol. 80, p. 348 ¼ column I.
- THE FREEZING PROCESS IN SHAFT SINKING.** Min & Sci Press, vol. 63, p. 351 2 columns I
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- SINKING A SHAFT IN QUICKSAND BY THE FREEZING PROCESS** Min. & Sci Press, vol. 87, p. 69 1 column.
- THE FREEZING PROCESS AS APPLIED AT IRON MOUNTAIN, MICHIGAN, IN SINKING A SHAFT THROUGH QUICKSAND** By D. E. Moran. Sch. Mines Quart., vol. 11, p. 237. 16 pages. I.
- THE FREEZING METHOD OF SINKING SHAFTS THROUGH WATER BEARING STRATA.** E. & M. J., vol. 41, p. 337. ¾ column. I.
- THE POETSCH SYSTEM OF SINKING THROUGH QUICKSAND.** E. & M. J., vol. 36, p. 343. 1 column.
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- METHODS OF SHAFT-SINKING: Kind-Chaudron, and Freezing Method.** Mech. Eng. Coll., vol. 1, p. 75. 5 pages I.
- THE GOBERT FREEZING PROCESS OF SHAFT-SINKING.** By A Gobert. T. F. I. M. E., vol. 11, p. 297. 9 pages. I.
- SINKING SHAFTS BY CONGELATION AT AUZIN COLLIFRY.** E. & M. J., vol. 59, p. 174. 1 column.
- SINKING BY THE FREEZING METHOD AT WASHINGTON, COUNTY DURHAM.** By M Ford T. I. M. E., vol. 23, p. 258, 4 pages; vol. 24, p. 293, 14 pages, I.
- SINKING BY FREEZING** By A Gobert. T. I. M. E., vol. 23, p. 699. 6 pages I.
- NOTES ON SINKING TWO SHAFTS BY POETSCH'S FREEZING PROCESS** By H F. Olds. T. I. M. & M., vol. 4, p. 241
- NOTES ON THE SINKING AT THE LENS COLLIERIES, No. 10 PIT, BY THE POETSCH SYSTEM.** By N R Griffith T. F. I. M. E., vol. 2, p. 441. 2 pages.
- SINKING DEEP SHAFTS BY THE FREEZING PROCESS** E. & M. J., vol. 67, p. 321. 2 columns. I.
- SINKING OF SHAFTS THROUGH SAND AT ARDEER, AYRSHIRE, BY THE PNEUMATIC PROCESS, ETC.** By T. H. Mottram. T. I. M. E., vol. 30, p. 205. 34 pages. I.
- SINKING THROUGH RUNNING SAND.** P C. M., vol. 2, p. 207. 12 pages. I.
- A CONCRETE SHAFT SINKING THROUGH QUICKSAND** E. & M. J., vol. 83, p. 1239. 1½ columns.
- THE SYRACUSE SHAFT ON THE MESABI.** E. & M. J., vol. 84, p. 66. 8 columns. I.
- SINKING WITH SAND TUBBING.** Coll. Engr. & Met. Miner, vol. 14, p. 322. 1½ columns. I.
- SHAFT-SINKING THROUGH QUICKSAND AT SUSQUEHANNA MINE, HIBBING, MINNESOTA.** By H. B. Sturtevant. T. L. S. M. I., vol. 10, p. 60. 6 pages. I; M. & M., Nov., 1904, p. 191.
- SINKING THROUGH QUICKSAND AT MINNIE PIT, PODMORE HALL COLLIERY** By W. R. Wilson T. N. S. I. M. & M. E., vol. 7, p. 113. 11 pages. I.
- SINKING THROUGH QUICKSAND AT THE MINNIE PIT.** Discussion T N S. I. M. & M. E., vol. 7, p. 240. 4 pages.
- MODERN METHODS IN SHAFT SINKING: Soft Formations** M & M., vol. 26, p. 311. 5½ columns. I.
- SINKING THROUGH SWAMP, CLAY AND SAND** By W. Tattley. T. I. M. E., vol. 21, p. 11. 8 pages. I.
- SINKING SHAFTS THROUGH QUICKSAND.** E. & M. J., vol. 57, p. 30. 1 column. I.
- THREE DIFFERENT METHODS OF SINKING THROUGH RUNNING SAND.** E. & M. J., vol. 10, p. 371. 2½ columns.
- SHAFT SINKING IN QUICKSAND.** By G. C. McFarlane E. & M. J., vol. 81, p. 132. 6 columns. I.
- HAASE'S SYSTEM OF SINKING THROUGH QUICKSANDS** E. & M. J., vol. 49, p. 702. ½ column. I.
- RICHMOND No. 3 SHAFT: Methods Employed in Sinking through Quicksand Near Scranton to Connect with Workings Below.** By F. G. Wolfe. M. & M., Nov., 1904, p. 188.
- SINKING A SHAFT THROUGH LOOSE MATERIAL.** By A McC. Parker. Sch. Mines Quart., vol. 9, p. 1. 6 pages. I.

- TUBBING IN CONTINENTAL COLLIERIES.** E. & M. J., vol. 37, p. 44. 1 column.
- SINKING THROUGH QUICKSAND AT AN ENGLISH COLLIERY.** Sch. Mines Quart, vol. 37, p. 103. 1 column.
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- SINKING THROUGH WET GRAVEL AND QUICKSAND NEAR NORWAY, MICHIGAN.** By W. Kelly. T. A. I. M. E., vol. 20, p. 188.
- METHOD OF SHAFT SINKING IN WET GRAVEL.** Min. & Sci. Press, vol. 78, p. 666. 1 column. I.
- A NEW METHOD OF SHAFT-SINKING THROUGH WATER-BEARING LOOSE MATERIALS.** By J. E. Mills. T. A. I. M. E., vol. 13, p. 216.
- SHAFT SINKING THROUGH WATER-BEARING FORMATIONS.** By E. M. Heriot. E. & M. J., vol. 82, p. 1107, 10 columns, I.; p. 1158, 10 columns, I.; p. 1205, 11½ columns, I.
- SINKING A SHAFT THROUGH WATER-BEARING MATERIAL.** Min. & Sci. Press, vol. 92, p. 261. 1 column.
- WET SINKING IN ARIZONA.** By R. B. Brinsmade. M. & M., vol. 27, p. 97. 5 columns. I.
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- DESCRIPTION OF THE SINKING OF TWO SHAFTS THROUGH HEAVILY-WATERED STRATA AT MAYPOLE COLLIERY, ABRAM, NEAR WIGAN.** By J. Keen. T. I. M. E., vol. 19, p. 462. 12 pages. I.
- SINKING SHAFTS BY THE CEMENTING PROCESS.** By H. Schmerber. E. & M. J., vol. 82, p. 926. 1½ columns. I.
- DIRECT CEMENTATION IN SHAFT SINKING.** By C. Dinoire. E. & M. J., vol. 82, p. 159. 7½ columns. I.
- FORMULA FOR DETERMINING THE THICKNESS OF TUBBING AT VARIOUS DEPTHS BELOW THE SURFACE.** T. A. I. M. E., vol. 5, p. 119.
- AN ACCOUNT OF SINKING AND TUBBING AT METHLEY JUNCTION COLLIERY.** By I. Hodges. T. I. M. E., vol. 32, p. 76. 10 pages. I.
- THE GARFORTH COLLIERIES, WITH SPECIAL REFERENCE TO THE FAILURES OF TUBBING AND INUNDATIONS WHICH OCCURRED IN 1872 AND 1883.** By R. Routledge. T. F. I. M. E., vol. 9, p. 150. 8 pages. I.
- SINKING IRON CYLINDERS IN SHAFTS.** Am. Jour. Min., vol. 7, p. 241. 1 column.
- SYSTEM OF DROP SHAFTS.** Sch. Mines Quart, vol. 24, p. 363. 13 pages. I.
- SHAFT SINKING FOR SALT: A Drop-Shaft.** E. & M. J., vol. 80, p. 972. 3 columns. I.
- A CHALLENGE SHAFT-SINKING RECORD.** E. & M. J., vol. 47, p. 11, ½ column; p. 135, ½ column.
- A NEW DROP-SHAFT.** By A. Fornis. E. & M. J., vol. 73, p. 583. 1½ columns. I.
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- THE HARRISON DROP-SHAFT, MICHIGAN.** T. A. I. M. E., vol. 20, pp. 191, 192, 193, 194.
- SINKING SHAFTS BY INTERLOCKING CHANNEL BARS.** M. & M., Sept., 1902, p. 72. 1½ columns.
- NOTES ON THE CONSTRUCTION OF MINE BULKHEADS.** By Wm. Thompson. J. C. M. I., vol. 7, p. 82. 4 pages. I.
- WALLING AND SINKING SIMULTANEOUSLY WITH THE GALLOWAY SCAFFOLD.** By J. Morison. T. F. I. M. E., vol. 8, p. 118. 8 pages. I.

- BUCKET, YOKE AND TOP PLATFORM USED IN SINKING PARKER SHAFT, FRANKLIN FURNACE, NEW JERSEY.** M. & M., vol. 20, p. 484. 2 columns. I.
- WALKER'S PATENT DRILL FRAME FOR SINKING SHAFTS.** Mech. Eng. Coll., vol. 1, p. 38. 8 pages. I
- DEVICES FOR SHAFT-SINKING.** By D. F. Campbell. Min. & Sci. Press, vol. 93, p. 656. 1 column. I.
- CROSS-HEAD OR RIDER FOR BUCKET SINKING.** P. C. M., vol. 2, p. 172. 1 page. I.
- THE CROSS-HEAD AND BUCKET IN VERTICAL SHAFTS.** Min & Sci. Press, vol. 78, p. 350 1½ columns. I.
- THE CROSS-HEAD IN SHAFTS** Min & Sci Press, vol. 78, p. 481 1½ columns I.
- THE KIND-CHAUDRON METHOD OF SHAFT SINKING.** P. C. M., vol. 2, p. 191. 15 pages. I.
- CHAUDRON'S SYSTEM OF SINKING SHAFTS THROUGH AQUEOUS STRATA WITHOUT USING PUMPING MACHINERY** By H. Simon. T. N. S. I. M. & M. E., vol 2, p. 239. 9 pages.
- MODIFIED KIND-CHAUDRON TREPAN FOR SHAFT-SINKING.** Min. Mag., vol. 13, p. 196. 4 columns. I.
- SHAFT-SINKING BY THE KIND-CHAUDRON PROCESS.** By M. Bodart. Min. Mag., vol. 11, p. 465. 2 columns. I.
- KIND-CHAUDRON PROCESS OF SINKING.** M. & M., vol. 19, p. 41. 2½ columns. I.
- TRIGER'S METHOD OF SINKING AND THE KIND-CHAUDRON PROCESS.** Coll. Engr. & Met. Miner, vol 15, p. 18, 3½ columns, I.; p. 89, 3 columns, I.
- THE KIND-CHAUDRON PROCESS FOR SINKING AND TUBBING MINING SHAFTS.** By J. Derby. T. A. I. M. E., vol. 5, p. 117.
- THE KIND-CHAUDRON METHOD OF SHAFT-SINKING.** By L. Ramakers. Min. Mag , Apr., 1905, vol. 11, p. 323. 10 columns. I.
- MOVABLE POINT FOR DRILL-PUMP IN SHAFT SINKING.** Min. & Sci. Press, vol. 50, p. 49. ¼ column. I.
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- SHAFT SINKING BY BORING.** Sch. Mines Quart., vol. 24, p. 377. 24 pages. I.
- A NEW SHAFT-BORING APPARATUS.** M. & M., vol. 26, p. 73. 1 column.
- KIND-CHAUDRON AND OTHER SHAFT-SINKING METHODS.** E. & M. J., vol. 49, p. 729. 5 columns. I.
- HONIGMANN SYSTEM OF BORING AND SINKING SHAFTS.** By T. Lichtenberger. T. F. I. M. E., vol. 13, p. 155. 5 pages. I.
- RATE OF SHAFT-SINKING WITH ROCK-DRILLS** T. F. I. M. E., vol. 8, p. 19, also 20.
- SINKING WITH ROCK-DRILLS** By F. Coulson. T. F. I. M. E., vol. 8, p. 17. 9 pages. I.
- A GERMAN SHAFT-SINKING DRILL.** E. & M. J., vol. 71, p. 594. ¼ column. I.
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- SOME VIEWS AT THE KIMBERLEY DIAMOND MINES** E. & M. J., vol. 68, p. 637. 2 columns. I.
- THE DIAMOND MINES OF SOUTH AFRICA.** By G. F. Williams. T. A. I. M. E., vol. 15, p. 392.
- THE POETSCH SYSTEM OF MINING IN QUICKSAND.** E. & M. J., vol. 37, p. 458. 1 column.
- A NEW DEPARTURE IN MANGANESE MINING** By J. S. C. Wells. E. & M. J., vol. 74, p. 144. 2 columns. I.
- METHOD OF MINING MANGANESE AT CRIMORA, VIRGINIA.** E. & M. J., vol. 49, p. 333.
- CORNISH TIN MINING IN PHOTOGRAPH.** E. & M. J., vol. 58, p. 130, 1 column +, I; p. 154, ½ column, p. 178, ½ column, I, p. 202, Note, p. 226, Note, p. 251, Note; p. 275, Note, p. 298, Note
- THE MINING, CONCENTRATION AND ANALYSIS OF CORUNDUM IN ONTARIO, CANADA.** By W. L. Goodman. T. I. M. E., vol. 23, p. 446. 11 pages. I.
- THE JENKS CORUNDUM MINE, MACON COUNTY, NORTH CAROLINA.** By R. W. Raymond. T. A. I. M. E., vol. 7, p. 83.
- THE MINING AND PREPARATION OF KAOLIN** By T. C. Hopkins. E. & M. J., vol. 68, p. 245. 2 columns. I.
- A NOVEL METHOD OF MINING KAOLIN.** By A. R. Ledoux. T. A. I. M. E., vol. 37, p. 319. 2½ pages.

CLAY MINING: A Description of the Methods Employed in Mining Clay by the Columbus Brick and Terra Cotta Company at Union Furnace, Ohio. By E. Lovejoy. M. & M., vol. 19, p. 385. 2½ columns. I.

A GRAPHITE MINE. By R. H. Palmer. E. & M. J., vol. 68, p. 694. 1½ columns. I.

ASBESTOS MINING AND DRESSING AT THETFORD. By H. N. Thompson. T. F. C. M. I., vol. 2, p. 273. 5 pages.

JET MINING (Black Amber). E. & M. J., vol. 33, p. 260. ¾ column.

PUMICE STONE MINING E. & M. J., vol. 60, p. 246. ¾ column

The Caving System of Mining

THE CAVING SYSTEM OF MINING. By W. H. Storms. Min. & Sci. Press, vol. 93, p. 48. 4 columns. I.

CAVING AT MOWRY, ARIZONA. M. & M., vol. 27, p. 529. ½ column. I.

STOPING WITHOUT TIMBERS AT THE HOMESTAKE MINE, SOUTH DAKOTA. By M. Ehle. M. & M., vol. 28, p. 460. 3¼ columns. I.

THE "SLASH" SYSTEM OF MINING. By C. T. Rice. E. & M. J., vol. 81, p. 1191. 1½ columns.

THE "SLASH" SYSTEM OF MINING, TINTIC, UTAH. E. & M. J., vol. 82, p. 548. Note.

CAVING METHOD EMPLOYED AT THE MERCUR MINES, UTAH. E. & M. J., vol. 68, pp. 754, 787.

M. & M., vol. 25, p. 1.

THE CAVING SYSTEM IN THE UTAH MINE, BINGHAM CANYON. E. & M. J., vol. 84, p. 437. 2 columns.

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THE SLICING-AND-CAVING AND SQUARE-SET SYSTEMS IN THE MESABI IRON ORE RANGE. E. & M. J., Feb. 23, 1905, p. 365.

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Pocket Mining

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Drift Mining

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AN EXPERIENCE IN DRIFT MINING IN HARD CEMENT GRAVEL. By L. H. Carver. Min. & Sci. Press, vol. 86, p. 7, 2½ columns, I.; p. 22, 2 columns, I.

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A CALIFORNIA DRIFT MINE. By W. E. Thorne. Min. & Sci. Press, vol. 87, p. 199. 1 column. I.

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THE KIMBLE DRIFT MINE, EL DORADO COUNTY, CALIFORNIA. By G. W. Kimble. Min. & Sci. Press, vol. 85, p. 23. 2 columns. I.

SIERRA COUNTY DRIFT MINES. Min. & Sci. Press, vol. 41, p. 417. 2 columns. I.

Methods of Stopping in Mines

STOPES AND STOPING. Stopes, Underhand Stopping, Overhand Stopping, Combined Stopping, Breast or Side Stopping, Longwall Stopes, and Methods of Working Reefs which are Close Together. The Witwatersrand Gold-Fields, pp. 336-345.

BREAKING THE ORE IN THE STOPE FACE. The Witwatersrand Gold-Fields, p. 357. I.

- NOTES ON BREAKING GROUND.** By T. L. Carter. E. & M. J., vol. 74, p. 576. 4 columns. I.
- METHODS OF STOPING: Over- and Under-hand on the Rand.** Witwatersrand Gold-Fields, p. 335. 30 pages. I.
- OVERHAND STOPING AT LAKE SUPERIOR.** E. & M. J., vol. 82, p. 767. 6 columns. I.
- OVER-HAND STOPING AT THE EMMA MINE, CANADA.** E. & M. J., vol. 84, p. 497. $\frac{1}{2}$ column.
- THE UNDER- AND OVER-HAND STOPING SYSTEMS.** By A. Williams. Coll. Engr. & Met. Miner, vol. 15, p. 172. $3\frac{1}{2}$ columns. I.
- UNDERHAND STOPING AT THE DAVIS PYRITES MINE, MASSACHUSETTS.** E. & M. J., vol. 82, p. 675. $2\frac{1}{2}$ columns. I.
- STOPING WITH MACHINE-DRILLS.** By B. L. Thane. T. A. I. M. E., vol. 29, p. 770, 1045.
- STOPING WITH THE AIR-HAMMER DRILL.** By G. E. Wolcott. E. & M. J., vol. 84, p. 117. $5\frac{1}{2}$ columns. I.
- STOPING WITH MACHINE DRILLS.** Min. & Sci. Press, vol. 81, p. 94. 1 column.
- METHOD OF MINING IN THE WITWATERSRAND GOLD-FIELD.** T. I. M. E., vol. 18, p. 97.
- UNDERGROUND WORK IN THE TRANSVAAL.** By P. Carter. Min. Mag., vol. 12, p. 273. 12 columns. I.
- MINING METHODS AT JOHANNESBURG.** By T. L. Carter. E. & M. J., vol. 75, p. 597. $2\frac{3}{4}$ columns.
- THE WORKING OF A WIDE GOLD QUARTZ REEF IN SOFT GROUND AT REZENDE, RHODESIA.** By J. A. Woodburn. T. I. M. & M., vol. 12, p. 286. 15 pages. I.
- METHODS OF STOPING AT CRIPPLE CREEK.** By G. E. Wolcott. E. & M. J., vol. 84, p. 1003. 8 columns. I.
- METHOD OF STOPING AT THE CROSS MINE.** T. A. I. M. E., vol. 25, p. 775.
- MINING AT THE EAST FINGALL MINE, WEST AUSTRALIA (Method of Stoping).** Min. Mag., vol. 11, p. 447. 3 columns.
- STOPING ON THE RAND.** Gold Mines of the Rand, p. 127. 6 pages. I.
- STOPING IN WEST AUSTRALIA.** Gold Min. & Mill. W. Aus., p. 179. 1 page.
- STOPING AT THE DALY-WEST MINE.** M & M, vol. 28, p. 354. $\frac{1}{2}$ column.
- STOPING METHODS IN THE TINTIC DISTRICT.** M. & M., vol. 28, p. 293. $\frac{3}{4}$ column.
- STOPING AT BINGHAM, UTAH.** M. & M., vol. 28, p. 105. 2 columns.
- STOPING SYSTEMS AT BROKEN HILL, AUSTRALIA.** By A. J. Moore. M. & M., vol. 27, p. 433. 9 columns. I.
- METHOD OF MINING (Overhand Stoping) IN THE KENTUCKY LEAD MINES.** E. & M. J., vol. 83, p. 658. $1\frac{1}{4}$ columns. I.
- METHODS OF PROSPECTING AND MINING IN THE GALENA-JOPLIN DISTRICT.** By W. R. Crane. E. & M. J., vol. 72, p. 360. 5 columns. I.
- ZINC-BLENDE MINES AND MINING NEAR WEBB CITY, MISSOURI.** By C. Henrich. T. A. I. M. E., vol. 21, p. 3.
- METHODS OF WORKING THE ZINC DEPOSITS NEAR WEBB CITY, MISSOURI.** By O. Rees. Coll. Engr. & Met. Miner, vol. 15, p. 29. $3\frac{1}{2}$ columns. I.
- ZINC MINING: A Description of the Methods of Mining and Dressing Zinc Ores.** By H. K. Landis. Coll. Engr. & Met. Miner, vol. 17, p. 62. $5\frac{1}{2}$ columns. I.
- MINING ZINC ORE BY "DRIFT-SKIRTING."** T. A. I. M. E., vol. 37, p. 304. 3 pages. I.
- GROUND BREAKING IN THE JOPLIN DISTRICT: Stoping.** By Doss Brittain. E. & M. J., vol. 84, p. 255. 13 columns. I.

- SHEET-GROUND MINE IN SOUTHWEST MISSOURI.** By D. T. Boardman. E. & M. J., vol. 84, p. 877. 9 columns. I.
- MINING SHEET GROUND IN THE JOPLIN DISTRICT.** By D. Brittain. E. & M. J., vol. 84, p. 1117. 6½ columns. I.
- BACK-STOPING IN HARD IRON ORE.** E. & M. J., vol. 84, p. 101. 2 columns. I.
- METHOD OF STOPING AT THE BADEN COPPER MINES, VALPARAISO.** E. & M. J., vol. 84, p. 1060. ¾ column. I.
- IRON ORE MINING IN THE LAKE SUPERIOR REGION.** By J. P. Channing. E. & M. J., vol. 60, p. 394. 6½ columns. I.
- MINING PRACTICE IN BUTTE, MONTANA, COPPER MINES.** Methods Employed in the Various Operations. By R. B. Brinsmade. M. & M., vol. 21, p. 103, 8½ columns, I.; p. 155, 8½ columns, I.
- SOME NOTES ON A LAKE SUPERIOR COPPER MINE.** E. & M. J., vol. 66, p. 35. 1½ columns. I.
- DRIFTING AND STOPING AT LAKE SUPERIOR.** By W. R. Crane. E. & M. J., vol. 82, p. 645. 6½ columns. I.
- Mining Thick and Massive Deposits**
- METHODS OF MINING LARGE ORE-BODIES IN AUSTRALIA.** E. & M. J., vol. 80, p. 962. 5 columns.
- SYSTEMS OF MINING IN LARGE BODIES OF SOFT ORE.** By R. P. Rothwell. T. A. I. M. E., vol. 16, p. 862.
- METHOD OF WORKING MASSIVE DEPOSITS (Lodes 30 to 130, Average 50 to 60 feet) BY OVERHAND STOPING.** M. & M., vol. 27, p. 339. ¾ column. I.
- METHOD OF MINING THICK ORE BODIES AT BUTTE, MONTANA.** M. & M., vol. 26, p. 407. ½ column. I.
- MINE PLANS: Method of Working the Magnetite Deposits of New York by Room and Pillar.** E. & M. J., vol. 81, pp. 1036, 1038. I.
- METHODS OF WORKING IN THICK DEPOSITS OF IRON ORE.** By S. W. Balch. Sch. Mines Quart., vol. 4, p. 98. 2 pages.
- METHODS OF MINING IN SOFT ORE BODIES.** By J. H. Goudie. E. & M. J., vol. 44, p. 467. 1½ columns. I.
- MINING IN SOFT ORE-BODIES AT LOW MOOR.** By W. S. Hungerford. T. A. I. M. E., vol. 17, p. 103.
- MINING SOFT IRON ORE WITHOUT TIMBER.** By S. R. Elliott. Min. & Sci. Press, vol. 92, p. 379. 2 columns. I.
- CROSS-SECTION OF BASSICK MINE, SHOWING METHOD OF WORKING MASSIVE DEPOSIT.** Min. & Sci. Press, vol. 47, p. 233. I.
- WORKING AN ORE CHIMNEY.** M. & M., June, 1901, p. 522.
- METHOD OF WORKING A VERTICAL PIPE OF BROKEN ORE, MASS SKIRTED AT EACH LEVEL, ETC. SANTA EULALIA, MEXICO.** Min. & Sci. Press, vol. 88, p. 349. ½ column.
- EXTRACTION OF ORE FROM WIDE VEINS OR MASSES.** By G. D. Delprat. T. A. I. M. E., vol. 21, p. 89.
- METHODS OF WORKING THICK VEINS OR BEDS AND IRREGULAR MASSES.** By A. Williams. Coll. Engr. & Met. Miner., vol. 15, p. 196, 4½ columns; p. 269, 4½ columns.
- THE WORKING OF A WIDE GOLD QUARTZ REEF IN SOFT GROUND AT REZENDE, RHODESIA.** By J. A. Woodburn. T. I. M. & M., vol. 12, p. 286. 13 pages. I.
- A METHOD OF WORKING THE THICK COAL SEAMS IN TWO SECTIONS, AT THE NEW HAWNE COLLIERY, STAFFORDSHIRE, ENGLAND.** By W. Charlton. M. & M., July, 1902, p. 556. 3½ columns.

WORKING A THICK COAL SEAM. By Thomas Adamson. M. & M., Aug., 1903.

A METHOD OF WORKING THE THICK COAL SEAM IN TWO SECTIONS. By Wm Charlton. M. & M., Oct., 1902, p 110. 1½ columns.

WHAT IS THE BEST SYSTEM OF WORKING THICK COAL SEAMS? By O. J. Heinrich. T. A. I. M. E., vol. 2, p. 105.

WORKING OF A THICK COAL-SEAM IN BENGAL, INDIA. By T. Adamson. T. I. M. E., vol. 25, p. 10. 6 pages. I.

MODE OF WORKING THE THICK COAL-SEAM OF SOUTH STAFFORDSHIRE COAL-FIELD. T. F. I. M. E., vol. 8, p 407.

A METHOD OF WORKING THE THICK COAL-SEAM IN TWO SECTIONS By W. Charlton T. I. M. E., vol 21, p 264. 4 pages, I., vol. 23, p. 112, 4 pages

METHODS OF WORKING THE 10-YARD OR THICK COAL OF SOUTH STAFFORDSHIRE. T. F. I. M. E., vol. 3, p. 35

PROPOSED METHOD OF MINING THE MAMMOTH COAL SEAM Rept Insp. Mines Pa, 1873, p 187. 2½ pages. I.

PROPOSED METHOD OF MINING A THICK SEAM OR VEIN (12 to 15 feet). Min. & Sci Press, vol 93, p 46, 3½ columns, I; pp 76 and 77, 1 column+, I; p 196, 1½ columns; p 441, ¾ column, I

THICK-COAL WORKING. P. C. M., vol. 2, p 326. 4½ pages I

WORKING THE THICK COAL-SEAM OF WARWICKSHIRE IN ONE OPERATION. T. A. I. M. E., vol. 33, p. 507. 4 pages.

Under-Sea Mining

THE SEA AND MINING. By A. Lakes. M. & M., vol. 24, p. 12. 4½ columns. I.

SUBMARINE COAL MINING. By A. Selwyn-Brown. E. & M. J., vol. 80, p. 913. 2 columns.

MINING UNDER THE SEA. E. & M. J., vol. 75, p. 486. ¼ column.

SUBMARINE COAL-MINING AT BRIDGE-NESS, N. B., ENGLAND. By H. M. Cadell. T. F. I. M. E., vol. 14, p. 237. 18 pages. I.

COAL MINING UNDER SYDNEY HARBOR, NEW SOUTH WALES. M. & M., July, 1901, p. 557.

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SUBMARINE COAL MINING. By R. H. Brown. J. M. Soc. N. S., vol. 9, p. 43. 12 pages.

MINING UNDER WATERY STRATA. M. & M., vol. 19, p. 443. 1½ columns

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Mining Frozen Gravels

WORKING FROZEN ALLUVIAL DEPOSITS IN SIBERIA. By E. D Levat. E & M. J., vol. 63, p. 599. 1½ columns. I.

WORKING FROZEN GROUND IN SIBERIA AND ALASKA. Placer Mining, p. 66.

MINING FROZEN GROUND IN SIBERIA. Min. & Sci. Press, vol. 81, p. 397. 1½ columns. I.

MINING ON THE KLONDIKE: Method of Firing and Description of Mining Methods. By A. J. Bowie. M. & M., July, 1901, p. 529.

METHOD OF MINING THE AURIFEROUS GRAVELS IN THE KLONDIKE. T. I. M. & M., vol. 8, p. 224.

HOW GOLD IS MINED ON THE KLONDIKE AND THE CHANCES OF FORTUNE THERE. E. & M. J., vol. 64, p. 631.

MINING IN THE YUKON. E. & M. J., vol. 69, p. 742. ¾ column.

GOLD MINING IN THE YUKON TERRITORY. M. & M., Mar., 1904, p. 358. ¾ column.

THAWING FROZEN GROUND IN ALASKA. Min. & Sci. Press, vol. 91, p. 229. 1 column. I.

THE FROZEN DEPOSITS OF THE NORTH. Min. & Sci. Press, vol. 79, p. 379. $\frac{1}{2}$ column.

Packing Mine Working: Flushing Culm, Use of Waste, etc.

FLUSHING CULM IN ANTHRACITE MINES
By W. Griffith. M. & M., vol. 20, p. 388. $5\frac{1}{2}$ columns. I.

FLUSHING CULM: The Method of Filling Anthracite Mines with Culm and the Advantages of the Process. M. & M., vol. 18, p. 342, $3\frac{1}{2}$ columns; p. 389, $5\frac{1}{2}$ columns. I.

FLUSHING CULM: A Novel Plan of Conveying Culm into Old Workings to Support the Roof. Coll. Engr. & Met. Miner, vol. 14, p. 11. 2 columns I.

CULM FILLING. By W. S. Gresley. Coll. Engr. & Met. Miner, vol. 14, p. 32. 1 column.

PACKING MINE WORKINGS. E. & M. J., vol. 80, p. 154. 1 column.

ROCK FILLING IN THE BALTIC MINE, MICHIGAN (Walled Entry). E. & M. J., vol. 78, p. 905. I.

FLUSHING THE MINES: Use of Culm as Mine Support. The Anth. Coal Industry, p. 219. Roberts. 3 pages

FILLING OLD MINE WORKINGS. By C. Cizek. E. & M. J., vol. 76, p. 770. $\frac{1}{2}$ column.

PACKING MINE WORKINGS WITH MATERIALS FLUSHED FROM THE SURFACE. Min. Mag., vol. 11, p. 539. $1\frac{1}{2}$ columns.

SAND FLUSHING FROM THE SURFACE. By V. Ranzinger. Min. Mag., Mar., 1905, p. 268.

PACKING MINE WORKINGS WITH MATERIALS FLUSHED DOWN FROM THE SURFACE M & M., vol. 26, p. 73, 1 column.

SIZE OF PIPE TO USE IN FLUSHING CULM. E. & M. J., vol. 82, p. 19. Note

BREAKER-WASTE DISPOSAL. E. & M. J., vol. 80, p. 304. 1 column.

FLUSHING CULM IN MINES: Wear of Pipes Remedied by Turning. Relative Cost Compared with Metal. E. & M. J., vol. 80, p. 344. $\frac{1}{2}$ column.

FLUSHING CULM IN COLLIERIES: Working Conditions. E. & M. J., vol. 83, p. 1056. $\frac{1}{2}$ column.

FLUSHING CULM IN ANTHRACITE COAL MINING E & M J., vol. 83, p. 626 Note, p. 722. Note.

AMOUNT OF WATER NECESSARY TO FLUSH CULM E. & M. J., vol. 82, p. 1124. Note.

THE COMPRESSION OF STOPE FILLINGS By B. J. Oberhausen Sch Mines Quart, vol. 26, p. 271. 5 pages I

USE OF WASTE FILLING E & M J, vol. 84, p. 1004. $\frac{1}{2}$ column.

AN ECONOMICAL MINING METHOD: Filling. Min. & Sci Press, vol. 85, p. 366. $1\frac{1}{2}$ columns. I.

FILLING SYSTEM OF MINING AT THE HOMESTAKE MINE. Min. & Sci Press, vol. 88, p. 177. $3\frac{1}{2}$ columns. I.

METHODS OF MINING ON THE MOTHER LODGE, CALIFORNIA: Working in Swelling Ground Filling System. Min. & Sci Press, vol. 82, p. 37, $1\frac{1}{2}$ columns, p. 49, $1\frac{1}{2}$ columns

MINING AT THE DALY-WEST MINE, UTAH Stopping and Filling E. & M. J, vol. 82, p. 13. 1 column.

PROPOSED METHOD OF FILLING IN ANTHRACITE MINING. M & M., vol. 19, p. 266. $1\frac{1}{2}$ columns. I.

FLUSHING CULM. M & M, vol. 18, p. 389, $4\frac{1}{2}$ columns. I.; vol. 20, p. 388, $5\frac{1}{2}$ columns I.

PACKING WORKED COAL SEAMS BY FLUSHING. E. & M. J., vol. 77, p. 637. 2 columns. I.

FILLING MINES (Coal) WITH SAND (in Upper Silesia). E. & M. J., vol. 72, p. 704. Note.

HYDRAULIC FILLING OF A COAL SEAM AT LENS, PAS DE CALAIS, FRANCE. By L. R. Hill and M. Burr. E. & M. J., vol. 82, p. 543. $4\frac{1}{2}$ columns. I.

WATER-PACKING OF SEAMS. By K. Müller and Mussmann. T. I. M. E., vol. 27, p. 722. 2 pages.

WATER-FLUSH STOWING IN MINES. T. I. M. E., vol. 31, p. 700 $3\frac{1}{2}$ pages.

A SIMPLE METHOD OF WATER-STOWAGE EMPLOYED AT NO. 5 PIT OF THE ESCARPELLE MINES. By Sante-Claire-Deville. T. I. M. E., vol. 35, p. 79. 8 pages.

THE HYDRAULIC FILLING OF A COAL SEAM AT LENS, PAS DE CALAIS, FRANCE. By L. R. Hill and M. Burr. T. I. M. & M., vol. 15, p. 371. 15 pages. I.

THE CONVEYOR-SYSTEM FOR FILLING AT THE COAL FACE, AS PRACTICED IN GREAT BRITAIN AND AMERICA By W. C. Blackett and R. G. Ware. T. I. M. E., vol. 29, p. 449 47 pages I.

A METHOD OF PACKING EXCAVATIONS IN COAL-SEAMS BY MEANS OF WATER. By E. O. F. Brown T. I. M. E., vol. 28, p. 325 14 pages. I.

THE FILLING METHOD AT THE BALTIC AND TRIMOUNTAIN MINES. E & M J., vol. 82, p. 769. $2\frac{1}{2}$ columns. I.

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Quarrying Methods

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- PLACER MINING AND THE FUTURE POSSIBILITIES OF THIS BRANCH OF THE MINING INDUSTRY.** By J. W. Gray. Min. & Sci. Press, vol. 78, p. 480. 2½ columns.
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- A GREAT ENGINEERING PROBLEM.** By W. A. Lawson. E. & M. J., vol. 78, p. 588. 5 columns. I.
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- WORKING PLACER DEPOSITS IN THE UNITED STATES.** By T. Egleston Sch. Mines Quart., vol. 7, p. 101. 31 pages.
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- NOTES ON HYDRAULIC MINING** Practical Points Necessary to be Considered in Carrying Water in Ditches and Flumes, etc. By G. E. Evans. M. & M., vol. 21, p. 202. 3½ columns. I.
- AURIFEROUS GRAVELS AND HYDRAULIC MINING.** By W. S. Welton T. I. M. E., vol. 22, p. 137. 15 pages. I.
- ORIGIN AND DEVELOPMENT OF PLACER MINING.** Placer Mining, Chap. 9, p. 53.
- METHODS OF WORKING** Surface Mining; Working Frozen Ground, Drifting; Hydraulicking. Placer Mining, Chap. 10, p. 62.
- PLACER MINING PRACTICE: Development of Gold Washing Apparatus.** Placer Mining, Chap. 14, p. 96.
- PLACER MINING PRACTICE: Blasting; Tunneling; Sluices; Undercurrents, etc; Tailings and Dump** Placer Mining, Chap. 15, p. 105.
- PLACER MINING PRACTICE: Washing or Hydraulicking.** Placer Mining, Chap. 16, p. 115.
- NOTES ON HYDRAULIC MINING IN LOW-GRADE GRAVEL.** By Wm. H. Radford. T. A. I. M. E., vol. 31, p. 617.
- AN IMPROVED SYSTEM OF WATER-SUPPLY FOR HYDRAULIC MINING.** By H. D. Peasall. T. A. I. M. E., vol. 16, p. 602.

- THE ESSENTIAL DATA OF PLACER INVESTIGATIONS.** By J. P. Hutchins. E. & M. J., vol. 84, p. 340, 11 columns, I.; p. 385, 7 columns, I.
- WORKING FLAT PLACERS.** E. & M. J., vol. 61, p. 538. 1 column.
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- SLUICE, BEACH, BAR AND RIVER MINING.** Sch Mines Quart., vol. 7, p. 110. 21 pages.
- GROUND SLUICING.** Min. & Sci. Press, vol. 29, p. 73, ½ column, I.; p. 305, ½ column, I.
- BOOMING WITH A "SHOOTER "** Min. & Sci. Press, vol. 81, p. 594. ¾ column.
- BOOMING INTO MILLS FROM HILL-SIDES, EMPLOYED IN GEORGIA GOLD MINES.** E. & M. J., vol. 26, p. 117. Note
- WORKING PLACER MINES WHERE WATER IS SCARCE.** Booming. Min. & Sci. Press, vol. 47, p. 118. ½ column.
- MERGERS IN PLACER MINING.** By J. P. Hutchins. E. & M. J., vol. 81, p. 1187. 10 columns. I.
- FROZEN GOLD GRAVEL.** By J. P. Hutchins. E. & M. J., vol. 82, p. 720. 13 columns. I.
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- LOSS OF GOLD IN PLACER-MINING.** By D. H. Stovall. Min. & Sci. Press, vol. 94, p. 249. 2½ columns. I.
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- HOW TO BUILD A ROCKER.** Min. & Sci. Press, vol. 78, p. 409. 1½ columns. I.
- THE ROCKER (Cradle).** Min. & Sci. Press, vol. 84, p. 162. 1 column. I.
- WHO INVENTED THE FIRST HYDRAULIC IN CALIFORNIA?** Min. & Sci. Press, vol. 64, p. 74. 2 columns.
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- EXCAVATORS FOR AURIFEROUS GRAVEL:** Orange Peel Grab Bucket. Min. & Sci. Press, vol. 59, pp. 101, 113. ½ column. I.
- HYDRAULIC JET ELEVATOR.** E. & M. J., Mar. 9, 1905, p. 471.
- THE HYDRAULIC ELEVATOR AT THE ALLUVIAL MINES OF OTAGO.** T. A. I. M. E., vol. 21, pp. 443, 444, 445, 446, 460, etc.
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- A HYDRAULIC GRAVEL ELEVATOR.** Min. & Sci. Press, vol. 35, p. 33. 3 columns. I.
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- THE HYDRAULIC GRAVEL ELEVATOR SYSTEM.** Min. & Sci. Press, vol. 65, p. 345. 4½ columns. I.
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- HYDRAULIC ELEVATORS USED AT MOUNT BISCHOFF, TASMANIA.** T. I. M & M., vol. 14, p. 225. Note. I.
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- A HYDRAULIC MINING DEVICE.** By C. G. Yale. E. & M. J., vol. 82, p. 1110. ¾ column.
- A NEW APPLICATION OF HYDRAULICKING.** By E. A. Ritter. Min. & Sci. Press, vol. 93, p. 665. 1 column. I.
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- A HYDRAULIC GRAPPLE (for Handling Boulders).** Min. & Sci. Press, vol. 73, p. 65. 1 column. I.
- "SHOT GUN" DUMPS IN FLUME WORK.** Min. & Sci. Press, vol. 43, p. 384. ¾ column.
- FLUME BATTERY FOR HYDRAULIC MINES.** Min. & Sci. Press, vol. 31, p. 8. ¾ column.
- TAKING THE GRAVEL BANKS BY STORM: Gravel Blast.** Min. & Sci. Press, vol. 33, p. 65. ¾ column. I.
- THE SWEENEY PLACER WORKING MACHINE.** E. & M. J., vol. 65, p. 374. 2 columns. I.
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- HYDRAULIC MINING IN CALIFORNIA.** E & M J, vol. 19, p. 145, 2½ columns, I., p. 161, 4 columns, I.; p. 181, 5½ columns, I.; p. 221, 6 columns, I.; p. 241, 5½ columns, I.; p. 265, 3½ columns, I.
- SUMMIT COUNTY PLACERS OF COLORADO: A Description of the Great Hydraulic Works now nearing Completion near Breckenridge.** By A. Lakes. M. & M., Jan., 1903, p. 241. 8 columns.
- EXAMPLES OF PLACERS: The Roscoe Placer.** Placer Mining, Chap. 18, p. 134.
- EXAMPLES OF PLACERS: The Alma Placer.** Placer Mining, Chap. 17, p. 124.
- THE KEYSTONE HYDRAULIC MINE IN COLORADO.** E & M. J., vol. 72, p. 424. 1½ columns. I.

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- PLACER MINING IN THE KLONDIKE COUNTRY.** E. & M. J., vol. 64, p. 425. 2 columns. I.
- HYDRAULIC WORK IN THE ATLIN COUNTRY.** E. & M. J., vol. 71, p. 6. 2 columns. I.
- AN AUTOMATIC SCREEN FOR FLUMES: Unwatering Device; Traveling Screen.** Min. & Sci. Press, vol. 55, p. 369. 1 column. I.
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- THE LARGEST FLUME IN THE WORLD: San Diego County, California.** Min. & Sci. Press, vol. 57, p. 315. $\frac{1}{2}$ column.
- BED-ROCK FLUMES.** Min. & Sci. Press, vol. 35, p. 97. $\frac{3}{4}$ column.
- THE MOVING POWER OF WATER, WITH SPECIAL REFERENCE TO DITCHES AND HYDRAULIC MINING** Tin Deposits of the World, p. 48 Table.
- FLUMES AND THEIR CONSTRUCTION.** Min. & Sci. Press, vol. 89, p. 272. 2 columns. I.
- THE STAVE AND BINDER FLUME.** By G. Sterling. Min. & Sci. Press, vol. 84, p. 189. $1\frac{1}{2}$ columns.
- THE WOOD FLUMES OF NEVADA** Min. & Sci. Press, vol. 27, p. 182. $\frac{1}{2}$ column.
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- WASHING BOXES AT OTAGO· Alluvial Mining.** T. A. I. M. E., vol. 21, p. 450.
- SLUICES AND UNDERCURRENTS IN HYDRAULIC MINING.** T. I. M. E., vol. 27, p. 140. 3 pages. I.
- SLUICES, DITCHES AND RIFFLES IN KLONDIKE MINING PRACTICE.** E. & M. J., vol. 83, pp. 414-418. I.
- SLUICE HEAD AND GRADE IN HYDRAULICKING (Sluicing) TIN STONE.** Tin Deposits of the World, p. 47. Table.
- AN ALASKA DAM AND FLUME.** Min. & Sci. Press, vol. 89, p. 436. $\frac{3}{4}$ column. I.
- BOX SLUICES.** Min. & Sci. Press, vol. 82, p. 115. $\frac{1}{2}$ column.
- A SYPHON MINING SLUICE.** Min. & Sci. Press, vol. 42, p. 333. $1\frac{1}{2}$ columns. I.
- SAVING OF SULPHURETS IN HYDRAULIC MINING SLUICES.** Min. & Sci. Press, vol. 18, p. 353, $1\frac{1}{2}$ columns; p. 376, $1\frac{1}{2}$ columns.
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- IRON COPPED RIFFLES.** Min. & Sci. Press, vol. 74, p. 453. $\frac{1}{2}$ column. I.
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- PLACER MINING IN SOUTHERN OREGON.** By D. H. Stovall. Min. & Sci. Press, vol. 87, p. 100, 1 column; p. 216, 1½ columns.
- GIANT HYDRAULIC PLACER MINING IN OREGON: Pumping Water with Turbines against a Head of 430 Feet for Operating Giants.** By A. S. Atkinson. M. & M., vol. 26, p. 348. 2 columns.
- PECULIAR METHOD OF HYDRAULICKING IN OREGON: Direct Centrifugal Pump Pressure.** M. & M., vol. 26, p. 123. ¼ column.
- WASHINGS FOR GOLD ALONG THE RHINE.** By B. Neumann T. I. M. E., vol. 27, p. 631. ½ page.
- PLACERS OF THE BLACK HILLS, DAKOTA.** T. A. I. M. E., vol. 17, p. 571.
- THE GOLD PLACERS OF THE EASTERN URAL MOUNTAINS, RUSSIA.** By H. B. C. Nitze. E. & M. J., vol. 66, p. 305. 2½ columns. I.
- Dredging for Gold and Other Materials: Practice and Appliances**
- GOLD DREDGING IN CALIFORNIA.** Min. & Sci. Press, vol. 91, p. 160, 4½ columns, I.; p. 178, 5 columns, I.
- GOLD DREDGING IN COLORADO.** Min. & Sci. Press, vol. 91, p. 398. 1 column+.
- DREDGING: Prospecting and Historical.** By J. P. Hutchins. E. & M. J., vol. 80, p. 49, 3½ columns, I.; p. 102, 6½ columns.
- DREDGING AND VALUING DREDGING-GROUND IN OROVILLE, CALIFORNIA.** By N. B. Knox. T. I. M. & M., vol. 12, p. 452. 10 pages. I.
- DREDGING AND HORTICULTURE.** By D'Arcy Weatherbe. Min. & Sci. Press, vol. 94, p. 151. 2 columns.
- OPERATING A DREDGE IN COLD CLIMATES BY SUBMERGING THE GRAVEL.** Min. & Sci. Press, vol. 93, p. 775. Note.
- ALLUVIAL MINING IN OTAGO.** By T. A. Rickard. T. A. I. M. E., vol. 21, p. 442.
- NOTES ON ALLUVIAL MINING IN NEW ZEALAND.** By J. W. Gray. Min. & Sci. Press, vol. 78, p. 208. 1½ columns.
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- AURIFEROUS GRAVELS OF CALIFORNIA AND METHODS OF THEIR EXPLOITATION.** E. & M. J., vol. 50, p. 310. 2 columns.
- MINING FOR GOLD IN THE AURIFEROUS GRAVELS OF CALIFORNIA.** By G. K. Radford. T. I. M. E., vol. 17, p. 452. 30 pages. I.
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- HYDRAULIC MINING IN HUMBOLDT COUNTY, CALIFORNIA.** E. & M. J., Feb. 23, 1905, p. 362. 2½ columns. I.
- HYDRAULIC MINING IN CALIFORNIA.** By A. J. Bowie. T. A. I. M. E., vol. 6, p. 27.
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- HYDRAULIC MINING IN CALIFORNIA.** Min. & Sci. Press, vol. 30, p. 9, 2 columns, I.; p. 17, 1 column, I.; p. 33,

- 1 column; p. 49, 2 columns, I.; p. 72, $\frac{3}{4}$ column; p. 92, $\frac{3}{4}$ column; p. 108, 1 column; p. 113, 1 column; p. 137, $1\frac{1}{2}$ columns, I.
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- THE SPRING VALLEY HYDRAULIC GOLD MINE.** Min. & Sci. Press, vol. 43, p. 437. $4\frac{1}{2}$ columns I.
- THE SWEEPSTAKE PLACER MINE, TRINITY COUNTY, CALIFORNIA.** Min. & Sci. Press, vol. 82, p. 292. 1 column
- A TRINITY COUNTY, CALIFORNIA, HYDRAULIC ENTERPRISE: Flumes, Pipe, Construction, etc.** Min & Sci. Press, vol. 76, p. 204. $3\frac{1}{2}$ columns. I.
- HYDRAULIC MINING IN CALIFORNIA.** Min & Sci. Press, vol. 78, p. 313. 3 columns. I.
- HYDRAULIC MINING IN NORTH CALIFORNIA.** Min. & Sci. Press, vol. 78, p. 505. 1 column. I.
- GRAVEL MINING IN CALAVERAS COUNTY, CALIFORNIA.** By M. P. Boag. Min. & Sci Press, vol. 89, p. 339. $\frac{3}{4}$ column.
- EXPLOITING THE PLIOCENE RIVERS.** Min. & Sci. Press, vol. 36, p. 280. $\frac{1}{2}$ column.
- DRIFT MINING IN PLACER COUNTY.** Min. & Sci. Press, vol. 36, p. 296. $1\frac{1}{2}$ columns.
- HYDRAULIC MINING IN CALAVERAS COUNTY.** Min & Sci. Press, vol. 27, p. 246. 1 column.
- SIZE AND REGULATIONS FOR MINING AND DREDGING CLAIMS IN THE ATLANTIC DISTRICT, BRITISH COLUMBIA.** E & M. J., vol. 77, p. 523.
- GOLD DREDGING: A Departure in the Methods of Obtaining Gold from Placer Deposits with a Limited Water Supply.** By J. M. Sweeney. M & M., vol. 19, p. 536, 6 columns, I.; vol. 20, p. 341, $3\frac{1}{2}$ columns, I.
- A NEW METHOD OF PLACER MINING FOR GOLD: A Device for Excavating and Handling Large Quantities of Material** By F. B. Knight. M & M., vol. 18, p. 385. $6\frac{1}{2}$ columns. I.
- DREDGING FOR GOLD.** By C. C. Longridge. Engineering, London, vol. 67, p. 535, $2\frac{1}{2}$ columns; p. 642, 4 columns; vol. 68, p. 34, $4\frac{1}{2}$ columns; p. 192, $2\frac{1}{2}$ columns.
- DREDGING FOR GOLD: Facts in Regard to the Operation of Dredges on Placers at Various Places in the West.** By W. S. Russell. M. & M., vol. 21, p. 196. 4 columns. I.
- GOLD DREDGING UNDER DIFFICULT CONDITIONS** By F. W. Taylor. E. & M J., vol. 77, p. 476, 5 columns, I.; p. 82, 5 columns.
- GOLD DREDGING: Number of Dredges Working at Various Places.** E. & M. J., vol. 78, p. 170. 1 column.
- SLUICES AND RIFFLES IN DREDGING.** By D H. Stovall. Min & Sci Press, vol. 94, p. 575 $2\frac{1}{2}$ columns I.
- GOLD SAVING ON DREDGES.** By J. P. Smith E. & M. J., vol. 77, p. 198. 2 columns. I.
- BLASTING TIGHT PLACERS BEFORE DREDGING.** E & M. J., vol. 78, p. 9. $2\frac{1}{2}$ columns.
- A GOLD DREDGER FOR HEAVY WORK.** E. & M. J., vol. 77, p. 525. $1\frac{1}{2}$ columns. I.
- A FEW NOTES UPON GOLD DREDGING.** By F. S. Clarke. J. C. M. I., vol. 5, p. 87. 10 pages. I.
- GOLD-DREDGING.** By W. D. Verschayle. T. I. M. E., vol. 21, p. 372. 7 pages I.
- GOLD DREDGES IN CALIFORNIA.** E. & M. J., vol. 77, p. 834. $1\frac{1}{2}$ columns.
- GOLD DREDGING.** By R. H. Postlethwaite. M & M., vol. 20, p. 341. $3\frac{1}{2}$ columns. I.
- DREDGING FOR GOLD.** Min. & Sci Press, vol. 65, p. 155. $2\frac{1}{2}$ columns. I
- DREDGING FOR GOLD.** Min & Sci. Press, vol. 55, p. 193. $2\frac{1}{2}$ columns. I.

- DREDGING FOR GOLD IN RIVERS.** Min. & Sci. Press, vol. 55, p. 225. 3 columns. I.
- A TAILING STACKER FOR HYDRAULIC MINES.** Min. & Sci. Press, vol. 90, p. 133. $\frac{1}{2}$ column. I.
- HOW TO MAKE GOLD DREDGING PAY.** Min. & Sci. Press, vol. 81, p. 464. 3 columns.
- NOTES ON DREDGING FOR GOLD.** By J. W. Gray. Min. & Sci. Press, vol. 75, p. 456. $2\frac{1}{2}$ columns.
- AN AID TO GOLD DREDGING.** Min. & Sci. Press, vol. 82, p. 94. $1\frac{1}{2}$ columns. I.
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- A COMMISSION TO INVESTIGATE THE DEBRIS QUESTION. Min. & Sci. Press, vol. 57, p. 140. 1½ columns.
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- DEBRIS DAM LEGAL AT LAST. Min. & Sci. Press, vol. 65, p. 234. 1 column.
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- THE CALIFORNIA DEBRIS ACT. E. & M. J., vol. 79, p. 907, 1 column; vol. 80, p. 449, 1½ columns.

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- MINING DEBRIS LEGISLATION.** By C. G. Yale. T. A. I. M. E., special volume California Mines & Minerals, p. 255. 9 pages. I.
- Room and Pillar Mining**
- DOUBLE ROOM WORKING.** By J. Cain. M. & M., vol. 18, p. 222. 1½ columns. I.
- METHOD OF COAL MINING: Advancing Rooms and Retreating Robbing Pillars.** M. & M., vol. 28, p. 498. ½ column. I.
- STALL WORKING: Double and Single.** Coll. Working & Management, p. 222. 14 pages. I.
- WORKING TWO SEAMS NEAR TOGETHER.** Coll. Working & Management, p. 238. 4 pages. I.
- CONDITIONS FAVORABLE TO ROOM AND PILLAR MINING** Coll. Working & Management, p. 138 Note.
- WORKING BY BORD AND PILLAR OR ROOM AND PILLAR.** Coll. Working & Management, p. 150. 24 pages I.
- A SINGLE-ROOM SYSTEM.** By H. S. Gay. M. & M., vol. 27, p. 325. 6 columns I.
- THE WORKING OF CONTIGUOUS, OR NEARLY CONTIGUOUS, SEAMS OF COAL** By J. Hogg and Thomas Moodie. T. I. M. E., vol. 23, p. 280. I; T. Arnott. T. I. M. E., vol. 23, p. 288. 2 pages. I.
- WORKING TWIN SEAMS OF COAL.** By W. S. Gresley. E. & M. J., vol. 69, pp. 559, 589, 621. I.
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Long-Wall Mining of Coal

- CONDITIONS FAVORABLE TO LONGWALL WORKING.** Coll. Working & Management, p. 138. Note.
- LOCATION OF ROOF PRESSURE IN LONGWALL WORKING.** The Conditions which Determine whether the System is Practicable or not. M. & M., vol. 19, p. 319, 2½ columns, I; p. 350, 2 columns, I.
- INFLUENCE OF THE ROOF IN LONGWALL WORKING.** By J. T. Beard. E. & M. J., vol. 79, p. 899. 6 columns. I.
- THE ACTION, INFLUENCE AND CONTROL OF THE ROOF IN LONGWALL WORKING.** By H. W. G. Halbaum. T. I. M. E., vol. 27, p. 205. 24 pages. I.
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- WIDTH OF ROOM AND PILLAR:** Discussion of the Possibility of Applying Formulas for Determining It Data Showing Practice in Various Regions. M. & M., vol. 26, p. 107. 5 columns. I. Table.
- A MODIFIED LONGWALL SYSTEM:** Notes on the Method Employed at the Vintondale Mine of the Vinton Colliery Company. By C. R. Clag-horn. M & M., Aug., 1901, p. 16. 4½ columns.
- LONGWALL VS. CHAMBER AND PILLAR FOR ANTHRACITE VEINS:** Points to be Considered. E. & M. J., vol. 48, p. 380. 1 column.
- A MODIFIED FORM OF LONGWALL WORKING AS APPLIED TO THIN SEAMS OF MODERATE INCLINATION.** By J. Hath. T. F. I. M. E., vol. 9, p. 226 4 pages. I.
- A MODIFIED SYSTEM OF LONG WALL WORKING.** E & M. J., vol. 59, p. 464. ¾ column.
- LONGWALL ADVANCING COMPARED WITH ROOM AND PILLAR.** By E. Jones M. & M., vol. 19, p. 399. 2½ columns I.
- MODES OF WORKING LONGWALL RETREATING TO OBTAIN A PROFITABLE PERCENTAGE OF THE DISPOSABLE COAL** Coll Engr & Met. Miner, vol 17, p 369 3½ columns. I.
- DIFFICULTIES EXPERIENCED IN LONGWALL WORKING.** T. F. I. M. E., vol. 4, p. 25.
- THE LONGWALL METHOD OF WORKING AS APPLIED TO SEAMS OF MODERATE INCLINATION IN NORTH STAFFORDSHIRE** By E. B. Wain. T. F. I. M E, vol 4, p 24, 10 pages; p. 514, 3 pages, p. 526, 5 pages.
- LONGWALL METHODS IN THE EASTWOOD DISTRICT, NOTTINGHAMSHIRE.** By N. M. Thornton. T. I. M. E., vol 19, p. 125. 6 pages.
- METHODS OF MINING COAL IN MISSOURI.** T A I. M. E., vol. 35, p. 912. 4 pages. I.
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- MODIFIED LONGWALL.** By W. S. Gresley Coll. Engr., vol. 10, p. 32, 11½ columns, I.; p. 57, 2 columns; p. 82, 6 columns; p. 87, ½ column.
- ANTHRACITE MINING AND THE LONGWALL SYSTEM.** Coll. Engr, vol. 10, p. 137, 5½ columns, I.; p. 159, 1½ columns.
- METHOD OF LONGWALL MINING: 4-Feet of Coal, Wet Mine, Dip 7° to 10°.** By F W. Steber. Coll Engr & Met. Miner, vol 14, p. 266. ¾ column. I.
- THE LONG-WALL SYSTEM OF MINING.** By J. W. Harden. T. A. I. M. E., vol. 1, p. 300.
- NOTES ON THE IRON-ORES OF DANVILLE, PENNSYLVANIA, WITH A DESCRIPTION OF THE LONGWALL METHOD OF MINING USED IN WORKING THEM.** By H. H. Stock. T. A. I. M. E., vol. 20, p. 369.
- LONGWALL-MINING AT DANVILLE, PENNSYLVANIA.** T. A. I. M. E., vol. 20, p. 378.
- LONG-WALL WORKING IN THE ANTHRACITE COAL MINES.** E & M. J., vol. 63, p. 350. ¾ column.
- OPENING OF A LONG-WALL MINE.** M & M., May, 1903, p. 471.
- FACE OF LONG-WALL WORKINGS: Conditions Regulating Direction of Driving.** M. & M., May, 1903, p. 477.
- GOOD METHOD OF LONGWALL WORKING ON PITCHES OF 1:10.** M. & M., June, 1901, p. 518.

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- METHOD OF SUPPORTING ROOF BACK OF LONGWALL FACE.** T. N. S. I. M. & M. E., vol. 8, pl. 12; p. 178, 4 pages, I.
- LONGWALL MINING OF COAL IN ENGLAND.** Coll. Working & Management, p. 197. 28 pages. I.
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- "LONGWALL TO THE RISE" IN IRON STONE WORKING IN NORTH STAFFORDSHIRE.** T. I. M. E., vol. 26, p. 114. 2 pages. I.
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- A SINGLE-ROOM SYSTEM OF MINING: An Adaptation of the Longwall Method to Work in Thick Seams.** By H. S. Gay. T. I. M. E., vol. 33, p. 558. 9 pages. I.
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- OLD METHOD OF WORKING PILLARS: Panel System.** Coll. Working & Management, p. 174. 2½ pages. I.
- REMOVAL OF PILLARS AT DIFFERENT DEPTHS.** Coll. Working & Management, p. 177. 20 pages. I.
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- PLAN OF PANEL SYSTEM OF MINING ADOPTED BY THE SUPERIOR COAL COMPANY AT GILLESPIE, ILLINOIS.** Min. Mag., vol. 13, p. 185. Map.
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- CHIEF ADVANTAGES OF PANEL SYSTEM.** E. & M. J., vol. 81, p. 621. Note.
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- METHODS OF MINING AND WORKING PILLARS IN GEORGES CREEK REGION, MARYLAND.** M. & M., vol. 26, pp 6, 7
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Breaking Down Coal at the Face

AN ILLINOIS "SOLID-SHOOTING" MINE: The Virden Shaft E. & M. J., vol. 62, p. 608. 1½ columns I.

SHOOTING OFF THE SOLID E. & M. J., vol. 80, p. 72. 1½ columns.

EFFECTS OF ROOF PRESSURES IN LONG-WALL MINING M & M, vol. 27, p. 387. 5½ columns I

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NOTES ON COAL-MINING: Methods of Working; Coal-getting; Transit By A Noble and N. Nisbet T. F. I. M. E., vol. 13, p. 141 6 pages. I.

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Rooms and Entries: Dimensions etc.

THE INTERVAL (Distance) BETWEEN LEVELS. E. & M. J., vol. 79, p. 1145. 2 columns.

TABLE SHOWING DIMENSIONS AND ARRANGEMENT OF ROOMS, ENTRIES, ETC., IN THE ARKANSAS COAL MINES. E. & M. J., vol. 80, p. 776.

DATA FOR COAL MINING: Size of Rooms, Entries, Character of Coal, Percentage Extraction, etc. M. & M., vol. 27, p. 92. Table.

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LENGTHS OF ENTRIES AND THE WIDTHS OF ROOMS AND PILLARS. M & M., vol. 19, p. 524. 1½ columns. I.

Reworking Abandoned Mines

REOPENING FILLED GROUND (Spiling). By R. B. Brinsmade. E. & M. J., vol. 82, p. 347. 3 columns. I.

THE REOPENING OF HARTLEY COLLIERY. By R. E. Ormsby. T. I. M. E., vol. 29, p. 657. 9 pages. I.

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TO REOPEN THE LOWER LEVEL OF THE COMSTOCK. E. & M. J., vol. 51, p. 203. ¾ column.

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THE REOPENING OF THE TILLY FOSTER IRON-MINE. By F. H. McDowell. T. A. I. M. E., vol. 17, p. 758.

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HOW AN ABANDONED MINE BECAME A PAYING ONE. By W. L. Libbey. T. F. C. M. I., vol. 1, p. 63. 4 pages. E. & M. J., vol. 79, p. 1252.

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WHAT IS THE LEAST POSSIBLE WASTE IN WORKING COAL? By J Barrowman. T. I. M. E., vol. 23, p. 55. 14 pages.

WASTES IN MINING AND METALLURGY. By J Douglas. E & M J, vol 77, p. 718, 3 columns; p. 798, 2 columns.

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THE WASTE OF ANTHRACITE AND THE EXHAUSTION OF THE SUPPLY. E. & M. J., vol. 46, p. 233, $\frac{1}{2}$ column; p 278, 1 column, p. 345, 1 column; p. 367, $1\frac{1}{2}$ columns, p. 433, 1 column.

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PERCENTAGE OF COAL MINED IN PENNSYLVANIA ANTHRACITE MINES 2d Geol Survey Pa, Coal Waste, A2, pp 32, 36, 37, 42, 44, 45. Notes.

LOSS OF COAL BY BREAKAGE IN LOADING INTO STORAGE BINS. E & M. J., vol 84, p 645. Note.

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Difficulties Encountered in Mining: High Temperatures, etc.; Increase of Temperature with Depth

- DIFFICULTIES OF MINING ON THE COMSTOCK.** Min. & Sci. Press, vol. 48, p. 258. $\frac{1}{2}$ column.
- DIFFICULTIES OF MINING ON THE COMSTOCK: Swelling Ground, Water, Air, etc** Min. & Sci. Press, vol. 34, p. 146. $\frac{1}{2}$ column.
- BOULDERS IN MINES.** Min. & Sci. Press, vol. 81, p. 438. $\frac{1}{2}$ column.
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- A RECORD OF AN INVESTIGATION OF EARTH TEMPERATURES ON THE WITWATERSRAND GOLD FIELDS, AND THEIR RELATION TO DEEP LEVEL MINING IN THE LOCALITY.** By H. F. Marriott. T. I. M. & M., vol. 15, p. 405. $28\frac{1}{2}$ pages.
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- ORE CRUSHING.** By J. Richards. Min. & Sci. Press, vol. 41, p. 8, 2 columns; p. 24, 1½ columns; p. 40, 1¼ columns.
- MODERN CRUSHING AND GRINDING MACHINERY** By P. Argall. E. & M. J., vol. 79, p. 889. 4¼ columns.
- KROMS' ORE CRUSHING MACHINERY.** E. & M. J., vol. 40, p. 257. 3¼ columns. I. D.
- MECHANICAL CRUSHING, SAXONY.** Sch. Mines Quart., vol. 14, p. 225. 6 pages. I.
- INFLUENCE OF FINE CRUSHING ON THE ASSAY VALUE.** By A. Whitby. Min. Mag., Feb., 1905, p. 176.
- CRUSHING AND CYANIDATION.** By F. C. Roberts. E. & M. J., Mar. 2, 1905, p. 418. 5¼ columns.
- DISCUSSION ON THE CRUSHING OF IRON-ORE FOR MAGNETIC SEPARATION.** T. A. I. M. E., vol. 21, p. 533.
- DIAGRAM FOR DETERMINING FINENESS OF CRUSHING NECESSARY IN ORE SAMPLING.** T. A. I. M. E., vol. 25, p. 842.
- NOTES ON CRUSHING AND SIZING IN THE ORE-DRESSING LABORATORIES OF MCGILL UNIVERSITY.** By J. B. Porter. J. C. M. I., vol. 4, p. 205. 19 pages. I.
- IMPROVEMENTS IN ORE-CRUSHING MACHINERY.** By S. R. Krom. T. A. I. M. E., vol. 14, p. 497.
- THE BLAKE SYSTEM OF FINE CRUSHING AND ITS ECONOMIC RESULTS.** By T. A. Blake. T. A. I. M. E., vol. 16, p. 753.
- THE BLAKE SYSTEM OF FINE CRUSHING.** By T. A. Blake. T. A. I. M. E., vol. 13, p. 210.
- CRUSHING AND GRINDING PRACTICE AT KALGOORLIE.** By A. James. Min. & Sci. Press, vol. 93, p. 109. 3 columns.
- CYANIDE PRACTICE AT KALGOORLIE.** Min. & Sci. Press, vol. 93, p. 744. 3¼ columns.
- NEW METHODS OF GRINDING IN THE AFRICAN GOLD MINES.** M. & M., vol. 26, p. 488. 2½ columns.
- GRANULATING MAGNETIC IRON-ORES WITH THE STURTEVANT MILL AT CROTON MAGNETIC IRON MINES, NEW YORK.** By W. H. Hoffman. T. A. I. M. E., vol. 21, p. 126.
- CRUSHING IRON-ORES WITH THE STURTEVANT MILL FOR CONCENTRATION.** By S. R. Krom. T. A. I. M. E., vol. 21, p. 520.
- NOTE ON THE INFLUENCE OF FINE CRUSHING ON THE ASSAY VALUE.** By A. Whitby. P. C. M. & M. Soc. S. A., vol. 5, p. 95. 4 pages.
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- FLINT MILL (for Wet Grinding) ON THE RAND.** J. C. & M. Soc. S. A., vol. 4, p. 166. 6 pages. I.
- NOTES ON WET AND DRY CRUSHING.** By F. Merrick. T. I. M. & M., vol. 7, p. 35. 24½ pages.
- A SYSTEM OF CRUSHING ROCK IN STAGES BY WET PROCESS, AND SUGGESTIONS AS TO HOW THIS OBJECT CAN BEST BE ACHIEVED.** By E. D. Chester. J. C. & M. Soc. S. A., vol. 4, p. 91. 25½ pages.
- THE ESTIMATION OF GOLD IN ORE AND DATA ON DRY-CRUSHING EXPERIMENTS.** By F. White. J. C. & M. Soc. S. A., vol. 2, p. 137. 5 pages.
- DRY CRUSHING OF ORES BY THE EDSON PROCESS.** By W. Simpkins and J. B. Ballantine. T. I. M. & M., vol. 14, p. 62. 11 pages. I.
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- NOTES ON DRY CRUSHING.** By A. F. Crosse. J. C. & M. Soc. S. A., vol. 1, p. 66. 9 pages.
- SAMPLING AND DRY-CRUSHING IN COLORADO.** By P. Argall. T. I. M. & M., vol. 10, p. 234. 70 pages. I.

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- HADFIELD'S HALCON GYRATORY CRUSHER. E. & M. J., vol. 78, p. 475. $3\frac{1}{2}$ columns. I.
- ORE-DRESSING IN EUROPE: Rock-Breaking. Sch. Mines Quart., vol. 4, p. 185. 1 page.
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- THE MEECH CRUSHER: Rubbing Jaw Type E & M. J., vol. 38, p. 300. $\frac{1}{2}$ column I.
- THE LOWRY ROCK AND ORE BREAKER. E & M. J., vol. 52, p. 638. $\frac{1}{2}$ column. I.
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- THE LANCASTER "ROCK-BREAKER" AND ORE CRUSHER. E. & M J., vol. 43, p. 96, $\frac{1}{2}$ column, I; p. 345, 1 column, I
- BLAKE'S STONE-BREAKER WITH ROTARY PICKING TABLE E. & M. J., vol. 9, p. 241. $1\frac{1}{2}$ columns. I.
- COMBINED STEAM ENGINE AND CRUSHER. Min. & Sci Press, vol. 33, p. 233. $\frac{1}{2}$ column. I.
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- REDUCTION IN THE RAND MINES BY CRUSHERS. Witwatersrand Gold-Fields, p. 425 3 pages. I.
- BOOTH'S IMPROVED BLAKE ROCK-BREAKER. Min & Sci Press, vol. 64, p. 185. 4 columns I
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- THE BLAKE STONE- AND ORE-BREAKER. Its Invention, Forms and Modifications and Its Importance in Engineering Industries By W P Blake T. A. I. M. E., vol. 33, p. 988
- STONE AND ORE BREAKING MACHINE, BLAKE'S E & M. J., vol 11, p. 352. 3 columns. I.
- MINIMUM SIZE OF CRUSHING BY BREAKER. Min. & Sci. Press, vol. 93, p. 183. Note.
- BREAKING PIECE FOR A SWINGING-JAW ROCK BREAKER By G E Brown. T I M. & M., vol. 16, p. 195 2 pages I.
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- THE STURTEVANT CENTRIFUGAL ROLLS. E. & M. J., vol. 69, p. 111. 1 column. I.
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- MACHINERY FOR BREAKING COAL. T. A. I. M. E., vol. 19, p. 414
- THREE-HIGH ROLLS By A. L. Holley. T. A. I. M. E., vol. 1, p. 287
- THE GRANULATION OF IRON-ORE BY MEANS OF CRUSHERS AND ROLLS. By A. Sahlin. T. A. I. M. E., vol. 21, p. 521.
- SECTIONAL CUSHIONED ROLLS By J. W. Pinder. T. A. I. M. E., vol. 28, p. 243
- THE DAVIS CRUSHING ROLLS. E. & M. J., vol. 61, p. 159 1 column. I.
- THE ROGER IMPROVED CRUSHING ROLLS E. & M. J., vol. 60, p. 587. 1 column. I.
- CRUSHING ROLLS FOR COAL WASHING PLANT Sch Mines Quart., vol. 17, p. 391. ¾ page.
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- JACKSON'S IMPROVED CRUSHING ROLLS. E. & M. J., vol. 40, p. 305. ½ column. I.
- WALL'S CRUSHING ROLLS: Spirally Corrugated Rollers. Min. & Sci. Press, vol. 56, p. 65. 3 columns. I.
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- BOWERS' ROLLER MILL. Min. & Sci. Press, vol. 61, p. 9. ¼ column. I.
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- WHEN THE CORNISH ROLLS WERE FIRST USED E. & M. J., vol. 81, p. 813 Note.
- SOME POINTS IN WET AND DRY CRUSHING BY ROLLS By R. B. Lamb Min. & Sci. Press, vol. 89, p. 141 1 column
- ROLLS AS USED IN THE JOPLIN DISTRICT. Univ. Geol. Surv. of Kans., vol. 8, p. 267 4 pages. I
- ANTHRACITE COAL-BREAKING AND SIZING PLANT AT GLYNCASTLE COLLIERY By W. D. Wight. T. F. I. M. E., vol. 12, p. 238 19 pages I.
- ELEMENTS IN THE DESIGN OF ROLL CRUSHING PLANTS By J. Scoley Min. & Sci. Press, vol. 82, p. 250. 2½ columns
- CAPACITY OF ROLLS PER HOUR SET AT GIVEN OPENING. Min. & Sci. Press, vol. 93, p. 683 Note.

Stamp-Mill Practice

- ORIGIN OF THE CALIFORNIA STAMP. By C. P. Stanford Min. & Sci. Press, vol. 67, p. 262 2½ columns
- BATTERY FRAMES. Min. & Sci. Press, vol. 70, p. 376 2 columns. I.
- A CANTILEVER BATTERY FRAME By I. C. Boss. E. & M. J., vol. 77, p. 404. 3 columns. I.
- BATTERY FOUNDATIONS. E. & M. J., vol. 77, p. 877. 1 column.

- DUTY OF STAMPS ON RAND AND ELSEWHERE. E. & M. J., vol. 78, p. 141. Table.
- A BUILT-UP WOODEN-FRAMED STAMP BATTERY. E. & M. J., vol. 61, p. 541. $\frac{1}{2}$ column. I.
- THE "A" BATTERY FRAME FOR STAMP MILLS. By R. W. Barrell M. & M., vol. 20, p. 181. $2\frac{1}{2}$ columns. I.
- THE "A" FRAME BATTERY. Min. & Sci. Press, vol. 90, p. 252. $1\frac{1}{2}$ columns. I.
- THE HUSBAND PNEUMATIC STAMP USED AT CORNWALL E. & M. J., vol. 83, p. 709. $\frac{1}{2}$ column. I.
- ATMOSPHERIC STAMP (Steens). Min. & Sci. Press, vol. 41, p. 205. $\frac{3}{4}$ column. I.
- THE HUNTINGTON OSCILLATING STAMP. Min. & Sci. Press, vol. 41, p. 237. $\frac{3}{4}$ column. I.
- KENDALL'S ROTARY STAMP. Min. & Sci. Press, vol. 41, p. 265. $\frac{1}{2}$ column. I.
- DAY'S ATMOSPHERIC STAMP. Min. & Sci. Press, vol. 45, p. 161. 1 column. I.
- McFARLAND'S PROSPECTING STAMP. Min. & Sci. Press, vol. 47, p. 161. $1\frac{1}{2}$ columns. I.
- A NEW ROTARY STAMP MILL. Min. & Sci. Press, vol. 36, p. 193. 3 columns. I.
- THE NISSEN STAMP. M. & M., vol. 26, p. 170. 2 columns. I.
- NISSEN'S CIRCULAR STAMP MORTAR. E. & M. J., Jan. 26, 1905, p. 203.
- KENDALL'S OSCILLATING STAMP. Min. & Sci. Press, vol. 31, p. 161. $\frac{1}{2}$ column. I.
- THE "ELEPHANT ORE STAMP." Min. & Sci. Press, vol. 37, p. 81. 1 column. I.
- HAND-POWER PROSPECTING STAMP MILL. Min. & Sci. Press, vol. 38, p. 217. $\frac{1}{2}$ column. I.
- NEW FORM OF STAMP MILL. Min. & Sci. Press, vol. 38, p. 297. 1 column.
- AN IMPROVED (Stamp) COIN. Min. & Sci. Press, vol. 40, p. 9. $\frac{1}{2}$ column. I.
- SINGLE-STAMP MILL. Min. & Sci. Press, vol. 94, p. 146, $1\frac{1}{2}$ columns; p. 303, $\frac{3}{4}$ column.
- THE HAND-STAMP. By Geo. J. Bancroft. Min. & Sci. Press, vol. 92, p. 365. $\frac{1}{2}$ column. I.
- AN INGENIOUS STAMP-MILL. By L. Fogle and R. Leonard. Min. & Sci. Press, vol. 93, p. 319. 2 columns. I.
- CANTILEVER STAMP BATTERY. Min. & Sci. Press, vol. 92, pp. 104 and 105 $\frac{1}{2}$ column. I.
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- ORIGIN OF THE CALIFORNIA STAMP. Min. & Sci. Press, vol. 76, p. 107. $3\frac{1}{2}$ columns. I.
- THE CORNISH STAMP MILL. By C. M. Myrick Min. & Sci. Press, vol. 83, p. 326 2 columns. I.
- THE MODEL BATTERY OF 1895. Min. & Sci. Press, vol. 70, p. 329. $\frac{3}{4}$ column. I.
- STEEL FRAME STAMP BATTERY. Min. & Sci. Press, vol. 71, p. 265. 3 columns I.
- BATTERY FRAMES. Min. & Sci. Press, vol. 75, p. 345. 3 columns I.
- A HIGH-SPEED BATTERY. Min. & Sci. Press, vol. 75, p. 92.
- INNOVATION IN STAMP PRACTICE. Min. & Sci. Press, vol. 75, p. 168. $\frac{3}{4}$ column.
- A NOVEL QUARTZ MILL: Stamp Min. & Sci. Press, vol. 88, p. 43. 2 columns. I.
- TWO-STAMP AND THREE-STAMP MILLS. Min. & Sci. Press, vol. 77, p. 305. 1 column. I.

- A CALIFORNIA STAMP MILL. Min. & Sci. Press, vol. 70, p. 198. $2\frac{1}{2}$ columns.
- SMALL BATTERIES. Min. & Sci. Press, vol. 44, p. 195. $\frac{2}{3}$ column.
- "FLOAT BATTERIES." Min. & Sci. Press, vol. 16, p. 105. $\frac{1}{2}$ column. I.
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- THE PARNALL KRAUSE STAMP MILL MORTAR E & M J., vol. 73, p. 488. 3 columns I.
- THE SHARPNECK STAMP. E. & M. J., vol. 37, p. 445. 1 column. I
- COMPARATIVE TABLE OF STAMP MILLS, GIVING GENERAL CHARACTERISTICS OF SIX OF THE PRINCIPAL GOLD-MINING CENTERS T. F. I. M. E., vol. 7, p. 108. Table.
- GRAVITATION STAMP MILLS FOR QUARTZ CRUSHING. By D B Morison Engineering, London, vol. 63, p. 624, 4 columns, I, p. 661, $5\frac{1}{2}$ columns, I, p. 791, 1 column
- A DEVELOPMENT IN GRAVITATION STAMP MILLS. By D. B. Morison and D. A. Bremner. T. I. M. & M., vol. 8, p. 156.
- A BODIE GOLD STAMP MILL. By R. G. Brown. E. & M. J., vol. 61, p. 615. $3\frac{1}{2}$ columns. I.
- GRAVITY STAMPS. M. & M., Aug., 1903, p. 39.
- THE PACHUCA STAMP-BATTERY AND ITS PREDECESSORS. By M P. Boss. T. A. I. M. E., vol. 32, p. 244.
- MERRALL'S STAMP MILL. E. & M. J., Jan. 26, 1905, p. 202.
- A PRIMITIVE STAMP MILL. E. & M. J., vol. 67, p. 531. $\frac{1}{2}$ column. I.
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- THE ELEPHANT (Spring) STAMP. E. & M. J., vol. 32, p. 41. 1 column. I.
- STAMP MILL CONSTRUCTION. E. & M. J., Feb. 23, 1905, p. 374. $\frac{2}{3}$ column.
- NOTES ON STAMP-BATTERY CONSTRUCTION. By C. G. W. Lock. T. I. M. & M., vol. 9, p. 310. $2\frac{1}{2}$ pages. I.
- THE HUSBAND OSCILLATING STAMP IN CORNWALL E. & M. J., vol. 38, p. 329. $\frac{2}{3}$ column.
- SPECIFICATIONS FOR BATTERY-FRAMES, BLOCKS (Mortar), etc. Min. & Sci. Press, vol. 72, p. 186. $\frac{2}{3}$ column.
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- THE DUTY OF STAMP MILLS IN CRUSHING AND AMALGAMATION. By C. DeKalb. J. C. M. I., vol. 4, p. 190. 5 pages.
- INFLUENCE OF THE VELOCITY ON THE EFFECTIVE DUTY OF STAMPS. By W Main. E. & M. J., vol. 15, p. 241. 2 columns.
- STAMP DUTY AND CONSUMPTION OF WATER AT FALUN, SWEDEN. Min. & Sci. Press, vol. 31, p. 265. Note.
- DUTY OF STEAM STAMPS. E. & M. J., vol. 78, p. 918. Note.
- INFLUENCE OF THE VELOCITY OF IMPACT ON THE EFFECTIVE DUTY OF STAMPS. Min. & Sci. Press, vol. 26, p. 290. $1\frac{1}{2}$ columns.
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- BATTERY FOUNDATIONS. E. & M. J., vol. 78, p. 421. 2 columns.
- STAMP TAPPETS. By M. P. Boss. E. & M. J., vol. 78, p. 584. 2 columns. I.
- WEAR OF SHOES AND DIES IN STAMP-MILLS. T. F. I. M. E., vol. 7, p. 107.
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- STAMP CAMS AND CAM-SHAFTS:** A Description of the Different Forms of Cams and Methods of Fastening them to the Shaft; Construction of Shaft. M. & M., Sept., 1903, p. 74. 2½ columns. I.
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- WEIGHT OF STAMP, DROP, SPEED, AND AMOUNT OF TURN OF STAMPS IN VARIOUS MILLS.** T. A. I. M. E., vol. 23, p. 568.
- ON THE WEIGHT, FALL, AND SPEED OF STAMPS.** By H. S. Munroe. T. A. I. M. E., vol. 9, p. 84.
- THE NORDBERG COMPOUND STEAM STAMP.** E. & M. J., vol. 84, p. 349. 7 columns. I.
- NOTES ON STEAM AND OTHER STAMPS.** Min. & Sci. Press, vol. 78, p. 232. 3½ columns.
- IMPROVED STEAM STAMP MILL.** E. & M. J., vol. 6, p. 401. 1½ columns. I.
- WILSON'S PATENT STEAM STAMP-MILL.** E. & M. J., vol. 5, p. 17. ¾ column. I.
- DIRECT-ACTING STEAM STAMP MILL.** Am Jour. Min., vol. 7, p. 289. 2 columns. I.
- THE FIRST STEAM STAMP: Where Used.** E. & M. J., vol. 79, p. 707. Note.
- STEAM STAMP FOR THE TAMARACK MILL, MICHIGAN.** E. & M. J., vol. 67, p. 237. 1½ columns. I.
- THE WOOD STEAM STAMP.** E. & M. J., vol. 68, p. 491. 2 columns. I.
- STEAM STAMPS, LAKE SUPERIOR.** M. & M., July, 1903, p. 538.
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- THE BALL STEAM STAMP.** Min. & Sci. Press, vol. 34, p. 345. 3½ columns. I.
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- STEAM STAMPS AT THE BALTIC MILL, LAKE SUPERIOR.** T. I. M. & M., vol. 14, p. 191. 1½ pages.
- STAMP MILLS OF LAKE SUPERIOR.** By J. F. Blandy. T. A. I. M. E., vol. 2, p. 208.
- STAMP MILLING PRACTICE IN NOVA SCOTIA, AND THE ADVANTAGE OF INTRODUCING WATER UNDER PRESSURE BELOW THE CRUSHING SURFACES IN THE GOLD STAMP MILL.** By M. R. O'Shaughnessy. J. M. Soc. N. S., vol. 8, p. 110. 12 pages. I.
- MORE NOTES ON STAMP MILL PRACTICE.** By C. DeKalb. J. C. M. I., vol. 9, p. 64. 8 pages.
- HIGH STAMP DUTY IN GOLD MILLING.** By A. M. Johnston. E. & M. J., vol. 82, p. 1016. 2½ columns.
- THE STAMP MILL OF THE PALMER MOUNTAIN MILL.** E. & M. J., vol. 82, p. 1081. 2 columns. I.
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- DATA FOR STAMP BATTERY PRACTICE, ELKHORN MINE, MONTANA.** U S. G. S., 22d Ann Rept, pt. 2, p. 416. Table.
- CRUSHING TIN ORE AT THE DOLCOATH TIN MINES:** Stamps and Huntington Mills Tin Deposits of the World, p. 186. $1\frac{1}{2}$ pages.
- NOTES ON CRUSHING OF METALLIFEROUS ORES IN THE STAMP BATTERY IN AFRICA.** By F. O. Roberts Min. & Sci. Press, vol. 89, p. 425, 2 columns; p. 436, $2\frac{3}{4}$ columns, I, vol. 90, p. 10, $2\frac{1}{2}$ columns, p. 21, $2\frac{1}{2}$ columns.
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- THE NISSEN STAMP MILL.** Said to be the Largest Capacity Gravity Stamp Mill in the World By P N Nissen. M. & M., vol. 27, p. 71. 2 columns. I.
- PROPOSED CHANGE IN STAMP MILL PRACTICE.** Min. & Sci. Press, vol. 76, p. 228. 2 columns. I.
- STAMP MILL WORK.** By J Scobey. Min. & Sci. Press, vol. 83, p. 118. 3 columns I.
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- THE WENTWORTH GOLDFIELDS PROPRIETARY STAMP MILL AT LUCKNOW, NEW SOUTH WALES, AUSTRALIA.** By F. M. Drake. E. & M. J., vol. 58, p. 489. 1 column.
- PLANS OF QUARTZ MILLS:** Wet and Dry Crushing. Min. & Sci. Press, vol. 25, p. 377. 2 columns. I.
- THE IMPERFECT PULVERIZATION OF ROCKS BY MEANS OF STAMPING, AND SUGGESTIONS FOR ITS IMPROVEMENT** By E D Chester T. I M E, vol. 22, p. 453. 8 pages I.
- THE SLOW-DROP STAMP-MILL** E & M. J., vol. 76, p. 232 $\frac{1}{2}$ column
- HIGH SPEED STAMPS** E & M J, vol. 75, p. 622. $1\frac{1}{2}$ columns
- CAPACITY OF STAMPS** E. & M J, vol. 55, pp 222, 389, 534
- SOME COMPARISONS IN STAMP MILLING PRACTICE.** By M B Weekes T F. C. M. I., vol. 3, p. 153 12 pages.
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- THE PHILOSOPHY OF STAMP-MILLING** By T A Rickard E & M J, vol. 59, p. 243. 3 columns.
- STAMP-MILL INDICATOR-DIAGRAMS.** By H. Louis. T. A I M E, vol. 28 p. 355.
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- STAMP BATTERIES** Crushing and Grinding. By A. James. Min. Jour., Aug. 20, 1904
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- FEEDING STAMPS, ECONOMY OF.** M. & M, July, 1903, p. 543.
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- STAMP-MILLS IN ECUADOR.** E. & M. J., vol. 78, p. 914. 2 columns. I.
- THE RELIANCE IRON FRAME PORTABLE STAMP BATTERY** E. & M. J., vol. 43, p. 115. 1 column I.
- THE MODERN STEAM STAMP** E & M. J., vol. 45, p. 70. 1½ columns. I.
- Fine Crushing by Mills: Ball, Tube and Miscellaneous Types**
- FINE GRINDING IN 1906** E & M. J., vol. 83, p. 17 2½ columns
- NOTE ON AN IMPROVED NATIVE GOLD-MILL.** By E Halse. T I. M. & M, vol. 9, p. 174 3 pages
- PULVERIZER FOR AURIFEROUS GRAVEL.** Min. & Sci. Press, vol. 62, p. 249. ½ column. I.
- THE PULVERIZING BARREL.** Min. & Sci. Press, vol. 26, p. 145. 1 column. I.
- PAUL'S PULVERIZING BARREL** Min. & Sci. Press, vol. 26, p. 163 1½ columns. I.
- WILLIAMS' HINGED-HAMMER COAL CRUSHER** M & M, Mar, 1905, p. 390. 1 column. I.
- THE SUTHERLAND PULVERIZER.** E. & M. J., vol. 63, p. 484. 1½ columns. I.
- PROBLEMS IN THE TREATMENT OF BUTTE ORES** Chilean Mill, and Wilfley Table. By A. H. Wethey. E. & M. J., vol. 68, p. 8. 4 columns. I.
- THE ALBERT RAYMOND ROLLER MILL.** E. & M. J., vol. 68, p. 365. 1 column. I.
- THE HODGE GRINDER USED TO REDUCE RICH SANDS FROM JIGS.** T. A. I. M. E., vol. 8, p. 431.
- AN EDGESTONE CRUSHER FOR ANALYTICAL SAMPLES.** By R. H. Richards. T. A. I. M. E., vol. 6, p. 518.
- THE CUMMINGS ORE-GRANULATING MILL** By C. M. Ball. T. A. I. M. E., vol. 21, p. 516.
- KOREAN GOLD-MILL APPARATUS.** T A I M E, vol. 18, p. 364.
- JEFFREY HAMMER PULVERIZER** M. & M., Jan, 1905, p. 312 ½ column.
- POWER-DRIVEN MULLER.** M & M, Dec, 1904, p. 243.
- THE MEHRALL'S HYDRAULIC QUARTZ MILL.** E. & M. J., vol. 60, p. 517. ¾ column. I.
- THE DODGE PULVERIZING MILL.** E. & M J, vol. 61, p. 613 ¾ column. I.
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- NOTES ON REGRINDING MACHINES.** By M. Schwerin. E & M J, vol. 77, p. 403, 5½ columns; p. 512, 1½ columns; p. 635, ¼ column.
- THE AMERICAN BALL PULVERIZER.** Coll. Engr. & Met. Miner, vol. 14, p. 3. 1 column. I.
- THE CRAWFORD MILL.** Coll. Engr. & Met Miner, vol. 14, p. 17. 1½ columns. I.
- THE FRISBEE-LUCOP MILL.** E. & M. J., vol. 40, p. 58. 2 columns I.
- CHILIAN MILLS** By M. P. Boss. E & M. J., vol. 78, p. 953. 1½ columns I.
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- THE STURTEVANT MILL.** E. & M. J., vol. 38, p. 244. 1 column. I.
- NEW ROTARY QUARTZ MILL.** E. & M. J., vol. 9, p. 17. 3 columns. I.

- HOWLAND'S PATENT ROTARY PULVERIZING AND AMALGAMATING QUARTZ MILL. E. & M. J., vol. 9, p. 305. 2 columns. I.
- QUARTZ MILLS. Am. Jour. Min., vol. 7, p. 210. $\frac{3}{4}$ column.
- A NEW COPPER-ROCK PULVERIZER. Am. Jour. Min., vol. 3, p. 41. $\frac{1}{2}$ column.
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- THE HOWLAND PULVERIZER. E. & M. J., vol. 31, p. 161. $\frac{3}{4}$ column. I.
- THE REYERSON PULVERIZER. E. & M. J., vol. 30, p. 397. 2 columns. I.
- THE ALDEN ORE CRUSHER AND PULVERIZER. E. & M. J., vol. 24, p. 419. $\frac{1}{2}$ column. I.
- THE MOREY PULVERIZER FOR DRY ORES. E. & M. J., vol. 35, p. 191, note, I.; p. 209, $\frac{1}{2}$ column, I.
- THE LUCOP AND COOK CENTRIFUGAL PULVERIZER. E. & M. J., vol. 34, p. 147. 1 column. I.
- THE HOWLAND ORE-GRINDER, ETC. E. & M. J., vol. 34, p. 211. 2 columns. I.
- THE PNEUMATIC PULVERIZER. E. & M. J., vol. 34, p. 270. 1 column. I.
- DAVID'S DISINTEGRATING MILL. Min. & Sci. Press, vol. 29, p. 385. 1 column. I.
- KENDALL'S IMPROVED QUARTZ MILL: Oscillating Stamp. Min. & Sci. Press, vol. 31, p. 161. $\frac{1}{2}$ column. I.
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- A NEW ORE MILL. Min. & Sci. Press, vol. 44, p. 241, 1 column, I.; p. 249, I.
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- DODGE'S CEMENT GRAVEL MILL.** Min. & Sci. Press, vol. 67, p. 375. $\frac{1}{2}$ column. I.
- HUNTINGTON'S QUARTZ MILL.** Min. & Sci. Press, vol. 69, p. 97. $\frac{1}{2}$ column. I.
- THE LIGHTNER MILL.** Min. & Sci. Press, vol. 70, p. 149. $\frac{1}{2}$ column.
- THE CRAWFORD MILL.** Min. & Sci. Press, vol. 70, p. 247. $\frac{3}{4}$ column. I.
- THE KINKEAD MILL.** Min. & Sci. Press, vol. 72, p. 61. 3 columns. I.
- THE HUNTINGTON MILL.** Min. & Sci. Press, vol. 72, p. 64. 1 column. I.
- THE FRISBEE MILL.** Min. & Sci. Press, vol. 55, p. 257. $1\frac{1}{2}$ columns. I.
- THE DODGE PULVERIZER.** Min. & Sci. Press, vol. 56, p. 21; vol. 63, p. 81. $\frac{1}{2}$ column. I.
- CRUSHING LUMPS OF ROASTED ORE.** Min & Sci Press, vol. 58, p. 247. 2 columns. I.
- THE CHILE MILL.** Min. & Sci. Press, vol. 58, p. 303. 1 column. I.
- THE JENISCH AND LOEHNERT BALL MILL.** Min and Sci. Press, vol. 58, pp. 473, 485. 4 columns. I.
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- THE TUSTIN ORE MILL.** Min. & Sci. Press, vol. 51, p. 304, $1\frac{1}{2}$ columns; vol. 53, p. 49. I.
- THE WARING PULVERIZER.** Min. & Sci. Press, vol. 52, p. 289. 3 columns. I.
- THE FRISBEE-LUCOP QUARTZ MILL.** Min. & Sci. Press, vol. 52, pp. 337, 341. 4 columns. I.
- THE NATIONAL ROCKER MILL.** Min. & Sci Press, vol. 53, p. 309. 1 column. I.
- THE BRYAN ROLLER MILL.** Min. & Sci. Press, vol. 54, p. 377. $1\frac{1}{2}$ columns. I.
- THE HARDINGE CONICAL MILL.** By H. W. Hardinge. E. & M. J., vol. 84, p. 925. 4 columns. I.
- ORE-DRESSING IN EUROPE: Fine Comminution.** Sch. Mines Quart., vol. 4, p. 301. 12 pages.
- HUNTINGTON MILLS.** E. & M. J., vol. 79, p. 1099. 1 column.
- HUNTINGTON'S CENTRIFUGAL ROLLER MILL.** Min. & Sci. Press, vol. 46, p. 353. 2 columns. I.
- THE DYER CANNON BALL QUARTZ MILL.** Min. & Sci. Press, vol. 47, p. 33. $1\frac{1}{2}$ columns. I.
- THE TRIUMPH ORE MILL.** Min. & Sci. Press, vol. 48, p. 428. $1\frac{1}{2}$ columns. I.
- GOODSON'S IMPROVED ORE PULVERIZER.** Min. & Sci. Press, vol. 49, p. 369. 3 columns. I.
- THE HUNTINGTON MILL: Advantages.** Min & Sci. Press, vol. 93, p. 298. $\frac{3}{4}$ column.
- HUNTINGTON MILL NOTES.** By C. E. Parsons. T. I. M. & M., vol. 15, p. 587. 39 pages. I.
- THE BRYAN ROLLER MILL.** Min. & Sci Press, vol. 72, p. 65. $\frac{1}{2}$ column.
- THE GRIFFIN MILL.** Min. & Sci. Press, vol. 72, p. 65. $\frac{1}{2}$ column.
- THE DODGE IMPROVED MILL.** Min. & Sci Press, vol. 73, p. 71. 2 columns. I.
- THE BRYAN MILL AS A CRUSHER AND AMALGAMATOR COMPARED WITH THE STAMP-BATTERY.** By E. A. H. Tays. T. A. I. M. E., vol. 29, pp 776, 1054.
- FINE GRINDING IN WHEELER PANS.** P. C M. & M. Soc. S. A., vol. 5, p. 280. 2 columns. I.
- FRIEDRICH KRUPP GRUSONWERK'S BALL MILLS: Tests.** E. & M. J., vol. 72, p. 759. 2 columns.
- THE FERRARIS BALL-MILL.** By W.R. Ingalls. E. & M. J., vol. 76, p. 811. $3\frac{1}{2}$ columns. I.
- THE AMERICAN BALL PULVERIZER.** E. & M. J., vol. 54, p. 297. $\frac{1}{2}$ column. I.

- FINE GRINDING BY BALL MILLS IN AUSTRALIA.** M. & M., vol. 27, p. 334. $\frac{3}{4}$ column.
- THE GATES BALL MILL.** E. & M. J., vol. 83, p. 475. 2 columns. I.
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SAMPLING OF MINES**Mine Sampling**

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- A DEVICE FOR SAMPLING IRON AND OTHER METALS.** By P. W. Shimer. T. A. I. M. E., vol. 30, p. 321.
- A DEVICE USED IN SAMPLING UNTIMBERED SHAFTS.** By C. G. Gunther. E. & M. J., vol. 82, p. 247. 1 column. I.
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- THE DISTRIBUTION OF THE PRECIOUS METALS AND IMPURITIES IN COPPER AND SUGGESTIONS FOR A RATIONAL MODE OF SAMPLING.** By E. Keller. T A I M E, vol 27, p 106.
- SOME SAMPLING RESULTS.** By E. H. Garthwaite T I M. & M, vol. 16, p. 171 24 pages.
- Sampling Ores**
- SAMPLING ORES CONTAINING METALLICS** E. & M. J, vol. 83, p. 845. 1½ columns.
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- THE SAMPLING OF ORES CONTAINING METALLICS** By C C Sample E & M, J, vol. 82, p. 362 3½ columns.
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- METHODS OF OBTAINING AND PREPARING ORE SAMPLES.** By A. Williams. Coll. Engr. & Met. Miner, vol. 15, p. 1. 7½ columns I.
- SAMPLING AND DRY CRUSHING IN COLORADO.** By P Argall T. I M & M., vol. 10, p 234. 70 pages. I.
- SAMPLING** By T. Clarkson. T F. I. M. E, vol. 9, p. 312. 8 pages.
- ORE-SAMPLING.** By S A. Reed Sch. Mines Quart., vol. 3, p. 253. 6 pages. I
- THE SAMPLING OF ARGENTIFEROUS AND AURIFEROUS COPPER.** By A R. Ledoux. J. C. M. I., vol 2, p 108. 10 pages. I.
- NOTES ON THE SAMPLING OF ARGENTIFEROUS AND AURIFEROUS LEAD, WITH DIAGRAMS ILLUSTRATING THE UNEQUAL DISTRIBUTION (Segregation) OF THE PRECIOUS METALS.** By A C Claudet. T. I. M. & M., vol. 6, p. 29.
- A NEW SYSTEM OF ORE-SAMPLING.** By D. W. Brunton. T. A. I. M. E., vol. 13, p. 639.
- NOTE ON THE SAMPLING OF IRON-ORE.** By E K Landis. T. A. I. M. E., vol. 20, p. 611.
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MORE REMARKS ON ORE SAMPLING. By S A. Reed. Sch. Mines Quart., vol. 6, p. 351 8 pages.

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ORE SAMPLING AND BUYING IN MEXICO. By E. L. Newhouse E. & M. J., vol. 49, p. 535. 1 column.

Sampling and Measurement of Ore Bodies

LIST OF PAPERS ON SAMPLING AND ESTIMATING ORE BODIES. T. I. M. & M., vol. 9, p. 225. 1 page.

LIST OF PAPERS AND WORKS OF REFERENCE BEARING ON THE SUBJECT OF SAMPLING AND VALUING ORES AND ORE-BODIES. T. I. M. & M., vol. 9, p. 225.

A GRAPHIC METHOD APPLIED TO DELINEATING ORE BODIES, WITH NOTES ON SAMPLING AND ESTIMATING ORE RESERVES By A G Charleton. T I. M. & M, vol 9, p 203 30 pages.

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THE SAMPLING OF ORE IN A MINE E. & M. J., vol. 75, p. 323. 3 columns.

ON SAMPLING THE WET FLOOR OF A (MINE) WET LEVEL E & M J, vol 75, p. 436 $2\frac{1}{2}$ columns I

ESTIMATING AND SAMPLING ORE RESERVES AS PRACTICED ON THE WITWATERSRAND By W Wybergh. T. I. M. & M, vol 4, p. 261

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SAMPLING ORE BODIES E. & M. J., vol. 68, p. 672 $1\frac{1}{2}$ columns

Practice in Sampling Minerals, Coal, Gravels, etc.

NOTES ON MINE SAMPLING OF THE MAIN REEF SERIES. By D. J. Williams J C. & M. Soc. S. A., vol. 3, p. 160. 20 pages. I.

- DISTRIBUTION OF PHOSPHORUS AND SYSTEM OF SAMPLING AT THE PEWABIC MINE, IRON MOUNTAIN, MICHIGAN.** By E. F. Brown. T. L. S. M. I., vol. 3, p. 49. 8 pages.
- OLD MEXICAN WORKINGS AND SOME REMARKS ON SAMPLING.** By T. A. Rickard. Min & Sci. Press, vol. 94, p. 433. 6 columns. I.
- SAMPLING IN WESTERN AUSTRALIAN GOLD MINES** Gold Min. & Mill. W Aus., p. 186. 2 pages.
- SAMPLING AT BISBEE COPPER MINES, ARIZONA.** M & M, vol. 27, p. 293. Note.
- A PROMISING GOLD-FIELD AND TESTS BY SAMPLING.** E. & M. J., vol. 76, p. 89. 4 columns.
- METHOD OF SAMPLING, HORN SILVER MINE, UTAH** E & M. J., vol. 28, p. 352 1 column.
- ORE SAMPLING AT EL PASO, TEXAS** By Paul Johnson E & M J, vol 53, p 111, 2 columns; p. 132, 1½ columns.
- SAMPLING AS EMPLOYED IN THE MESABI IRON ORE RANGE.** E. & M J., Mar. 9, 1905, p. 466.
- SAMPLING ORES WITHOUT USE OF MACHINERY** By W. Glenn. E. & M J, vol 52, p 195. 1½ columns.
- WHEN SAMPLING FAILS** E & M J., vol 77, p 593. 1 column.
- CARGO SAMPLING AND ANALYSIS OF IRON ORES** By W J Rattle & Son. E. & M J., vol. 80, p. 824. 3 columns
- CARGO SAMPLING OF IRON ORES RECEIVED AT LOWER LAKE PORTS, INCLUDING THE METHODS USED IN THE ANALYSIS OF THE SAME** By W. J. Rattle & Son T. L. S. M. I., vol. 11, p. 173. 7 pages.
- NOTES ON SAMPLING AND ITS IMPORTANCE; ALSO ON SAMPLING PLACER MINES.** By A. D. Hodges E & M. J., vol 52, p. 264. 2 columns.
- A SAMPLE BOX.** E. & M J., vol. 78, p. 382. 14 columns. I.
- SAMPLING PLACER DEPOSITS: The Importance of Correct Methods of Testing Their Value.** By E. B. Kirby. M. & M, vol. 19, p. 556. 4½ columns. I.
- TESTING AND SAMPLING PLACER DEPOSITS.** By E. B. Kirby. E. & M. J., vol. 68, p. 130. 2½ columns. I.
- DIFFERENTIAL SAMPLING OF BITUMINOUS COAL-SEAMS.** By J. P. Kimball. T. A. I. M. E., vol. 12, p. 317.
- METHOD OF COAL-MINE SAMPLING** E. & M J, vol 80, p 679. 1 column.
- MINE SAMPLING.** E. & M. J., vol. 78, p. 861.
- COAL SAMPLES FOR ASSAYING.** 2d. Geol. Survey, Pa, AC, p. 52. 1 page.
- SAMPLING OF COAL AND ORES** Coll. Engr, vol. 12, p. 211. 1½ columns. I.
- THE COMMERCIAL VALUE OF COAL-MINE SAMPLING.** By M. R. Campbell T A I M E, vol 36, p 341, 13½ pages, p 834, 1 page.
- SAMPLING OF COAL.** P. C. M., vol. 1, p. 72. 1½ pages.
- METHODS OF SAMPLING COAL AT MINES AND ON CARS** M. & M, 'vol. 28, p. 28. 2 columns.
- SAMPLING AT THE WASHOE WORKS, ANACONDA, MONTANA.** T A. I. M. E., vol. 37, p. 436. 4 pages. I.
- SAMPLING ORE FROM BINS AT BROKEN HILL** E & M. J, vol. 83, p. 318. ½ column.
- THE SAMPLING AND ASSAYING OF A CAR OF BONANZA ORE.** Min. & Sci. Press, vol 94, p 241. 2½ columns.
- METHODS IN A COLORADO SAMPLER.** Min & Sci. Press, vol. 76, p. 564. 1½ columns.
- HAND SAMPLING IN SMALL STAMP MILLS.** By A. W. Warwick. Min. & Sci Press, vol. 91, p. 274. 1½ columns. I.
- SAMPLING PRODUCTS OF CONCENTRATING AND SLIMING TABLES.** Min. & Sci. Press, vol. 91, p. 294. 2 columns. I.

- SAMPLING ORE SHIPMENTS.** By W. J. Adams. Min. & Sci. Press, vol. 89, p. 90. 3 columns.
- SAMPLING CUSTOM ORES.** Min. & Sci. Press, vol. 87, p. 356. $2\frac{1}{2}$ columns. I.
- SAXON ORE SAMPLE BOX.** Min. & Sci. Press, vol. 89, p. 358. $\frac{1}{2}$ column. I.
- INACCURACIES IN MILL SAMPLING.** Min. & Sci. Press, vol. 91, p. 20. 1 column.
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- MILL SAMPLES.** Min. & Sci. Press, vol. 48, p. 352. 1 column.
- SAMPLING DEPARTMENT OF THE ANACONDA COPPER COMPANY.** E. & M. J., vol. 73, p. 312. $\frac{1}{2}$ column.

SIZING OF MINERAL

Screens: Theory of Sizing

- SIZES OF SCREENS FOR ORE.** Min. & Sci. Press, vol. 52, p. 425. 2 columns. D.
- SIZING BY SCREENS.** Min. & Sci. Press, vol. 34, p. 57, I.; p. 33, I.
- GRAPHIC RECORDS OF THE SCREENING OF CRUSHED MATERIALS.** By C. DeKalb. T. A. I. M. E., vol. 28, p. 468.
- ORE-DRESSING IN EUROPE: Sizing.** Sch. Mines Quart., vol. 4, p. 186. 10 pages.
- CLEANSING AND SIZING, SAXONY.** Sch. Mines Quart., vol. 14, p. 232, 6 pages, I.; pp. 330, 340, 10 pages, I.
- THE PLOTTING OF SIZING-TESTS.** By W. S. Hutchinson. T. A. I. M. E., vol. 35, p. 256. 32 pages. I.
- CLOSE SIZING BEFORE JIGGING IN ORE CONCENTRATION.** By R. H. Richards. E. & M. J., vol. 57, p. 153. $1\frac{1}{2}$ columns.
- SIZES OF SCREEN MESHES USED IN MAKING ANTHRACITE COALS.** 2d. Geol. Survey Pa., AC, p. 454.
- CLOSE SIZING BEFORE JIGGING.** By R. H. Richards. T. A. I. M. E., vol. 24, pp. 409, 918.
- SIZING AND CLASSIFICATION TROMMELS.** Machinery for Metalliferous Mines, pp. 277-291.
- MESH VS APERTURE.** E. & M. J., vol. 76, p. 690, $1\frac{1}{2}$ columns; p. 767, $\frac{1}{2}$ column, p. 843, $\frac{3}{4}$ column, p. 959, $1\frac{1}{2}$ columns, I.; p. 997, 1 column, table.
- MESH OF SCREENS.** A Heavy Mining Grade. M. & M., Apr., 1902, p. 399. $\frac{1}{2}$ column.
- REPORT OF SUB-COMMITTEE ON THE STANDARDIZATION OF BATTERY SCREENING.** P. C. M. & M. Soc. S. A., vol. 6, end of vol. 24 columns.
- STANDARD SCREENS, WEIGHTS AND MEASURES.** E. & M. J., vol. 83, p. 526. $2\frac{1}{2}$ columns. I.
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- SIZE OF SCREENS AND EXTRACTION.** J. C. & M. Soc. S. A., vol. 2, p. 231. 2 pages.
- CLASSIFICATION BY AIR BLAST IN SAXONY.** Sch. Mines Quart., vol. 15, p. 118. 6 pages. I.
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- GRAVITATIONAL OR MECHANICAL (Shaft) PLUMBING.** T. I. M. E., vol. 28, p. 655. 18 pages. I.
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TUNNELING

Methods of Tunneling

- A NEW TUNNEL THROUGH THE ROCKIES** E. & M. J., vol. 84, p. 817 1 column.
- TUNNEL DRIVING** By M. S. Hachita E. & M. J., vol. 84, p. 503 2 columns
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- SOME AMERICAN TUNNELS:** Hoosac Tunnel, Massachusetts, Palisades Tunnel, Hudson River, Croton Aqueduct Tunnel, New York City Water Works, Strickler Tunnel, Colorado Springs, Colorado, Niagara Falls Power Tunnel, Cascade Tunnel, Washington; Graveholz Tunnel, Norway Tunneling, Prelini, p. 124. 8 pages.
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- THE IMPROVED STANLEY HEADER. Coll Engr & Met. Miner, vol. 14, p. 132. 2 columns. I.
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MINE VENTILATION

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WATER

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